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CIRCULAR



CIRCULAR No. 60.

# Illinois Crops for 1879.

ILLINOIS DEPARTMENT OF AGRICULTURE,  
SPRINGFIELD, DECEMBER 31, 1879.

## SEASON.

The season of 1879 has been comparatively dry, and the complaints during the growing season were quite general that the crops were suffering for want of rain. The unfavorable results of the drouth on the various crops were over-estimated, as will be seen as they are reported upon hereafter. The year 1879 will long be remembered by the farmers of Illinois as the dawning of better times. Altogether, there has not been a more encouraging season for producers during the last twenty years. The returns for the crops marketed during the year have been highly satisfactory, and have inspired great confidence in the future, and enthused many a heretofore despondent farmer, who has been struggling unsuccessfully for years against the strong current of business depression and accumulating indebtedness. The receipts from the fair crops of 1877 and 1878 have enabled the majority of Illinois farmers to regain their feet, and save something, after paying current expenses. The unusually large returns from the crops of the closing year has provided a large balance to the credit of the producer with which to cancel obligations or increase the bank deposits of farmers not encumbered with liabilities. The bank ledgers have not made such a favorable showing for farmers during the past fifteen years as at present. As an illustration of the improved financial condition of agriculturists, the returns of the last three Wheat Crops of the State are given. The Corn and other crops will be considered in the report in order.

## WHEAT CROPS.

The average yield per acre of the Wheat Crops of 1877, 1878 and 1879 exceeds that of any corresponding period, and is as follows: 1877, 16.4 bushels per acre; 1878, 14.6 bushels per acre; 1879, 18.75 bushels per acre—an average for the three years of 16.58 bushels per acre. The total yield of Wheat raised in the State, for the three years named, exceeds that of any similar period, as will be seen by the following figures: The yield for 1877 was 32,490,556 bushels; 1878, 1,883,398 bushels; 1879, 45,417,661 bushels—averaging 37,263,871 bushels per year. The value of the last three crops of Wheat is as follows: 1877, \$38,002,082; 1878, \$27,059,460; 1879, \$39,930,639—an average of \$33,997,393, which, on a gold basis, has never been equalled in any former period.

## CORN.

The season, which the meteorological tables indicate to have been very dry, was not so unfavorable to the yield as generally predicted previous to the gathering of the crop. The more thorough and frequent cultivation of the crop, necessitated by the dry season, has had much to do with the unusually large average yield per acre. The largest yields are reported on the low and usually wet lands, not available for cultivation in ordinary seasons. The fall season has been quite favorable for gathering Corn, and excepting a few localities the crop was saved in excellent condition. The quality of the present Corn crop will not compare favorably with that of some previous years, owing to the continued drouth, which was quite general over the State during and after the planting season. The early frost seriously injured the late planted Corn, much of which is loose on the cob, chaffy and of light weight. In some portions of the State the wind storms prostrated the Corn, and the succeeding rains seriously damaged the crop. It will be observed that the acreage of the crop for the year, as hereafter reported, is less than that named in the June Crop Circular, which estimate was based upon the reported acreage of the previous year. The Corn acreage given in this report was made up from the assessors' returns for 1878, and the increase or decrease in each county in 1879 is based upon the reports of correspondents of this Department.



## CORN.

YEARS.	No. of acres....	Average yield per acre in bushels....	Bushels produced.....	Price per bushel.	Value.....
1860.....	3,839,159	30	115,174,770	42½	\$48,944,270
1861.....	3,839,159	30	115,174,770	24	27,641,944
1862.....	3,458,903	40	138,356,135	23	32,821,911
1863.....	3,773,349	22	83,013,681	62	51,479,442
1864.....	4,192,610	33	138,356,135	75	103,767,101
1865.....	5,023,996	35¼	177,095,852	29½	51,800,536
1866.....	4,931,783	31.6	155,844,350	43	67,013,070
1867.....	4,583,655	23.8	109,091,000	68	74,281,880
1868.....	3,928,742	34.2	134,363,000	43	57,776,090
1869.....	5,237,068	23.2	121,500,000	57	69,255,000
1870.....	5,720,965	35.2	201,378,000	35	70,482,300
1871.....	5,310,469	38.3	203,391,000	32	65,085,120
1872.....	5,468,040	39.8	217,628,000	24	52,230,720
1873.....	6,839,714	21	143,634,000	32	45,962,880
1874.....	7,421,055	18	133,579,000	56	74,804,240
1875.....	8,163,265	34.3	280,000,000	34	95,200,000
1876.....	8,920,000	25	223,000,000	31	69,130,000
1877.....	8,935,411	30	269,889,742	28	77,562,879
1878.....	8,672,088	29	250,560,810	22	56,035,842
1879.....	7,918,881	38	305,913,377	32	97,483,052

The 1879 Corn crop is the largest on record, and exceeds the great crop of 1875 by over twenty-five million (25,913,377) bushels. The present crop of 305,913,377 bushels was grown on 7,918,881 acres, which is believed to be much below the actual Corn area of the State. The average yield is a fraction over 38 bushels per acre—the largest, with two exceptions, during the past twenty years. The price per bushel, since the crop was gathered, has liberally remunerated the producer, and has been rather more than the large crop would seem to warrant for the medium quality of much of the Corn marketed. The speculative demand, as the extent of the crop is better known, will cease in a measure. The supply of the better grades is comparatively limited, but the current or even better prices may be reasonably expected for Corn that will pass inspection. It will be seen from the foregoing table that the value to farmers of the 1879 crop, on a gold basis, largely exceeds that of any former year, except 1864, and the return, on the same basis, has never yielded the farmer more money per acre.

## WINTER WHEAT.

The present condition of the growing crop is up to a good average. The rapid improvement of Winter Wheat after the fall rains gave great encouragement concerning the outlook, and notwithstanding the serious injury from drouth and the Hessian fly over a large portion of the State, the increased vigor and rapid growth of the crop, at time of receiving reports from correspondents, inspired much confidence in the outcome of the crop. The most critical period has yet to be passed, and the present bright prospects may be soon dispelled by the injurious effects of a winter and spring season of common occurrence, in which the thawing and freezing, with strong winds, fatally expose the roots of the Wheat plant thrown out by the heaving of frost. This crop is now cultivated in every county in the State, and the acreage and condition is noted in the Wheat table, published in this report, for all except the counties of Bureau, Lee and Marshall, which failed to make report. There is a largely increased acreage of Winter Wheat, when compared with that of the previous year, and amounts to 525,391 acres, which is one-fourth more than that seeded in the fall of 1878. The area of the present crop is 2,657,227 acres, against that of 2,131,336 acres harvested last season. Nearly one-third of this large increase in acreage is located in the northern half of the State, where, until of late years, Spring Wheat has been grown almost exclusively. The increased attention given to the culture of Winter Wheat, north of the 40th parallel, during the last few years, and the causes for this new departure are worthy of special consideration, and the following table is given to show the steady northward march of Winter Wheat in Illinois the last five years, which has an area enlarged from 163,259 acres, in 1876, to 335,717 acres in 1880. The uncertainty of the returns from Spring Wheat—the frequent destruction of the crops by chinch bugs, the low average yield per acre, and price per bushel, when compared with Winter Wheat, with same expense for seeding and harvesting, and the unexpected success the last few years attending the culture of Winter Wheat, in the northern counties of the State, have been the most prominent influences in bringing about the change.

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# SUMMARY.

## ACREAGE WINTER WHEAT IN NORTHERN COUNTIES.

COUNTIES.	Winter Wheat 1876	Winter Wheat 1877	Winter Wheat 1878	Winter Wheat 1879	Winter Wheat 1880
Boone.....	599	599	658	391	655
Bureau.....					
Carroll.....	2,498	2,498	3,372	3,294	6,175
Cass.....	13,490	14,839	16,322	14,132	19,882
Champaign.....	5,358	6,697	9,040	11,181	17,378
Clark.....				60	63
DeKalb.....				125	225
DeWitt.....	1,541	1,541	1,386	2,653	9,085
DuPage.....				207	238
Ford.....	164	164	213	239	335
Fulton.....	16,396	16,396	17,215	17,215	28,405
Grundy.....				92	97
Hancock.....	9,781	9,291	10,220	21,468	31,970
Henderson.....	3,453	3,453	3,625	4,443	5,998
Henry.....				303	621
Joquais.....	984	984	1,986	2,030	4,186
Jo Daviess.....	3,525	2,467	2,861	1,808	6,364
Kane.....	730	730	730	51	43
Kankakee.....				376	1,128
Knox.....	3,749	2,249	2,698	2,255	3,968
Krewe.....	647	647	647	76	125
Knox.....	2,974	2,974	2,974	430	639
Knox.....					
Knox.....				490	651
Knox.....	14,369	14,369	11,495	6,439	18,542
Knox.....	360	396	396		
Knox.....	7,313	7,313	7,898	7,898	9,748
Knox.....	3,471	3,471	3,297	3,297	4,154
Knox.....	1,535	1,535	1,535	1,535	3,289
Knox.....	5,974	5,974	6,451	3,790	6,890
Knox.....	3,305	3,305	6,114	8,987	19,157
Knox.....	2,247	2,808	2,808	1,215	1,737
Knox.....	3,839	3,839	4,299	2,031	3,368
Knox.....	3,526	2,645	2,909	3,665	4,352
Knox.....	2,217	2,217	2,106	4,211	5,895
Knox.....	224	224	224	301	344
Knox.....	270	270	270	386	1,077
Knox.....	18,338	19,254	22,142	20,766	34,777
Knox.....				164	205
Knox.....	5,313	5,313	7,544	4,401	5,668
Knox.....	8,235	7,412	8,153	10,729	15,320
Knox.....	12,202	18,303	19,585	20,973	55,719
Knox.....	2,500	2,500	2,500	847	1,553
Knox.....				463	694
Knox.....				323	375
Knox.....	1,667	1,667	1,750	850	1,655
Knox.....	465	232	116	2,090	2,947
Total.....	163,259	168,576	185,539	188,689	335,717

The average yield per acre of Spring and Winter Wheat for the last three years, with the price per bushel and the value per acre, is given in the following table. The acreage of Spring Wheat in the States for the period named was 303,736 acres in 1879, 291,912 in 1878, and 248,449 acres in 1877, a total of 844,097 acres, which at the same average as realized per acre for Winter Wheat would have made a difference in favor of the producers of \$4,963,280, or \$5 88 per acre, the average of the difference in favor of Winter Wheat, as shown in the table.

	1877			1878			1879		
	Average yield per acre, bu.	Price per bu. at harvest.	Value per acre.....	Average yield per acre, bu.	Price per bu. at harvest.	Value per acre.....	Average yield per acre, bu.	Price per bu. at harvest.	Value per acre.....
Winter Wheat.....	17	\$1 15	\$19 55	14 3/4	82	\$12 09	19 2/3	88 3/4	\$17 45
Spring Wheat.....	12	1 00	12 00	13 1/4	82	10 86	11	78 1-10	8 59
Favor Winter Wheat.....	5	15	7 55	1 1/2		1 23	8 2/3	10	8 86

The experiments as to the varieties of Winter Wheat best adapted to the northern counties of the State, the modes of culture, and other tests likely to aid in determining the question, are receiving more attention than heretofore, and with a season of the average low temperature the experience with the present crop will go far in deciding as to the advisability of increasing, in the future, the Winter Wheat acreage northward.

### WINTER RYE.

This crop is cultivated in all the counties in the State, and reports are given in the table published in this report of the acreage and condition in all except the counties of Bond, Hardin, Lee, Mason and Morgan. The crop is grown principally for winter and early spring pastures. The acreage of the growing crop is not quite as large as last season, and the condition is about up to a good average. The area seeded to Winter Rye this fall is 218,941 acres, against 235,742 acres the previous year. The Rye crop harvested in 1879 was valued, at time of harvest, at nearly two million (\$1,991,404) dollars. In extent of area Winter Rye ranks fourth in importance among the cereals grown in the State.

### IRISH POTATOES.

There is a slight increase in the acreage of Irish Potatoes in 1879 over that of the previous season. The partial returns of the assessors for 1878 has been used as a basis for estimating the area of Irish Potatoes for the past season, as well as for the average yield and value of the 1877 and 1878 crops. The tables on pages 24 and 25 of this report shows the acreage, yield and value of the 1879 crop in the State, by counties. The following table, excepting the last three years, was compiled from the reports of the National Department of Agriculture.

#### IRISH POTATOES.

YEAR.	Number of acres.	Av. yield per acre, bushels.....	Bushels produced.	Price per bushel...	Total value.....	Value per acre.....
1860.....	69,255	80	5,540,390	\$ 31	\$1,717,520	\$24 80
1861.....	69,255	80	5,540,390	29	1,606,713	23 19
1862.....	64,444	100	6,444,404	40	2,577,762	40 00
1863.....	73,650	70	5,155,523	74	3,815,087	51 80
1864.....	55,521	81½	4,511,083	1 15	5,187,745	93 43
1865.....	50,124	117	5,864,408	47¼	2,770,933	55 27
1866.....	58,983	86½	5,102,035	64	3,265,302	55 36
1867.....	60,710	60½	3,673,000	1 20	4,407,600	72 60
1868.....	53,521	71	3,800,000	81	3,078,000	57 51
1869.....	72,815	103	7,500,000	41	3,075,000	42 23
1870.....	104,037	81	8,427,000	64	5,393,280	51 84
1871.....	117,409	61	7,162,000	85	6,087,700	51 94
1872.....	128,906	75	9,668,000	46	4,447,280	34 50
1873.....	137,750	40	5,510,000	1 12	6,171,200	44 80
1874.....	135,236	55	7,438,000	83	6,173,540	45 65
1875.....	118,750	128	15,200,000	32	4,864,000	40 96
1876.....	126,000	75	9,450,000	61	5,764,500	45 75
1877.....	95,717	71	6,795,349	45	3,057,907	32 95
1878.....	81,460	63	5,095,477	47	2,394,874	29 61
1879.....	90,351	78	7,125,932	50	3,506,788	39 00

### PRINCIPAL CROPS.

The following table, giving the yield and value of the principal crops grown in the State for the past three years, makes a very favorable showing for the closing year. The want of data makes it impossible to give the particulars concerning other leading crops.

#### YIELD.

ARTICLE.	1877	1878	1879
Corn, bushels.....	269,889,742	260,560,810	305,913,377
Hay, tons.....	4,044,969	4,255,471	2,578,736
Winter Wheat, bushels.....	29,510,032	30,018,147	42,041,252
Spring Wheat, bushels.....	2,980,524	3,870,251	3,276,409
Oats, bushels.....	67,145,983	62,096,388	54,664,569
Irish Potatoes, bushels.....	6,795,349	5,095,477	7,125,932
Flax Seed, bushels.....	.....	957,762	990,447
Sorghum, gallons Syrup.....	.....	1,141,127	1,524,705
Hog Product, number marketed.....	2,115,804	2,345,391	1,984,194
Fat Cattle, number marketed.....	350,186	355,020	409,982
Fat Sheep, number marketed.....	155,421	155,151	174,448



## VALUE.

ARTICLE.	1877	1878	1879
Corn .....	\$77,562,879	\$56,035,848	\$97,483,052
Hay .....	21,971,368	19,994,341	16,428,012
Winter Wheat.....	34,960,824	23,870,257	37,266,757
Spring Wheat.....	3,041,258	3,189,203	2,663,882
Oats.....	16,269,647	12,451,889	12,059,162
Pasture.....	14,764,112	12,324,647	12,319,620
Orchard Fruits.....	3,589,672	4,181,662	2,497,687
Irish Potatoes.....	3,057,907	2,394,874	3,506,788
Flax Seed.....			1,296,753
Sorghum .....			579,257
Hog Product.....	22,738,881	16,724,384	16,640,061
Fat Cattle.....	17,115,340	14,207,000	16,751,450
Fat Sheep.....	615,467	613,156	513,884
Total.....	\$215,687,355	\$165,988,161	\$220,006,365

## ACRES IN CULTIVATION.

The area of some of the leading crops is given in the following table, for the past five years, and shows comparatively little change during the past year. There is a slight decrease in the acreage of Corn and Meadows, and an increase in the area of Wheat, Oats and Pastures.

ARTICLE.	1875	1876	1877	1878	1879
Corn.....	8,187,914	8,815,791	7,627,735	8,672,088	7,918,881
Meadow.....	2,293,333	2,475,782	2,302,888	2,368,854	2,161,760
Winter and Spring Wheat.....	2,004,275	1,938,527	2,069,563	2,324,755	2,435,072
Oats.....	758,694	1,660,778	1,456,644	1,568,120	1,631,139
Pastures.....	4,219,347	4,289,918	3,760,071	3,983,459	4,193,884
Orchards .....	311,555	342,682	294,684	412,140	290,646

## PRICES OF FARM PRODUCTS.

The increase in the prices of farm crops, when compared with the previous years, is considerable, and has had much to do with the improved condition of trade. The large crops sold at corresponding remunerative prices have put a very large amount of money into circulation.

ARTICLE.	1876	1877	1878	1879
Corn, per bushel.....	\$ 30	\$ 30	\$ 22	\$ 32
Winter Wheat, per bushel.....	1 01	1 19	79	1 21
Spring Wheat, per bushel.....	92	95	68	1 06
Oats, per bushel.....	30	23	17	29
Rye, per bushel.....	56	52	41	66
Barley, per bushel.....	53	47	56	68
Buckwheat, per bushel.....		73	1 33	76
Potatoes, per bushel.....	58	45	47	50
Winter Apples, per bushel.....	44	80	65	75
Hay, per ton.....	6 25	6 55	4 33	10 00
Beef Cattle, gross.....	3 47	3 37	2 95	3 50
Fat Hogs, gross.....	4 09	4 23	2 80	3 30

## ILLINOIS HOG CROP.

The number of Hogs reported by assessors in May, 1879, is over half a million (536,499) less than for the previous year. The number fatted for this season's market shows a proportionate decrease, amounting to 361,197 hogs, when compared with 1878. The average weight net per head of the fat hogs marketed this season is estimated to be about the same as for 1878, which was 210 pounds. The increase in price in 1879 over that of 1878 has largely made up for the reduced number, which only lacks \$84,323 of returning the feeder the same amount as received for the previous hog crop. It will be seen from the following table that the 1879 hog crop—the largest ever produced in the State excepting the years 1871-2-3-4-5-6-8—returns the producer less money than any hog crop since 1862, the difference between gold and currency is not taken into consideration. The following returns of the number of hogs assessed each year since 1856, appear in the reports of the State Auditor. The net weights since and including the year 1865, as well as the average net value per 100 pounds, is taken from the *Cincinnati Commercial*, except as noted.

## ILLINOIS HOG CROP.

YEAR.	No. assessed.	Estimated per cent marketed	Number fat hogs marketed.	Av. net weight per head....	Total net weight.	Value per 100 pounds, net	Value hog crop.
1856.....	1,596,903	70	1,117,832	*210	234,744,720	\$5 94	\$13,943,836
1857.....	1,893,585	70	1,325,509	*210	278,356,890	4 86	13,528,145
1858.....	1,908,603	70	1,336,022	*210	280,564,620	6 28	17,619,458
1859.....	1,725,328	70	1,207,730	*210	253,623,300	5 91	14,989,137
1860.....	1,530,256	70	1,071,179	*210	224,947,590	5 67	12,754,528
1861.....	2,196,581	70	1,537,607	*210	322,897,470	3 03	9,783,793
1862.....	2,601,395	70	1,820,976	*210	382,404,960	4 20	16,061,008
1863.....	2,506,138	70	1,754,296	*210	368,402,160	6 70	24,682,944
1864.....	2,044,844	70	1,431,391	*210	300,592,110	14 32	43,044,790
1865.....	1,743,005	70	1,220,103	231	281,843,793	11 67	32,891,170
1866.....	2,007,500	70	1,405,250	232	326,018,000	7 22	23,538,500
1867.....	2,616,814	70	1,831,770	201	368,185,770	7 95	29,270,778
1868.....	2,300,150	70	1,610,105	206	331,681,630	10 22	33,897,862
1869.....	2,056,304	70	1,439,413	205	295,079,665	11 53	34,022,685
1870.....	2,220,651	70	1,554,456	230	357,524,880	6 58	23,525,137
1871.....	2,938,749	70	2,057,124	227	466,967,148	5 15	21,048,808
1872.....	2,992,165	70	2,304,515	232	531,617,480	4 66	24,914,572
1873.....	3,560,192	70	2,492,134	214	533,316,676	5 43	28,959,095
1874.....	3,452,213	70	2,416,549	209	505,058,741	8 33	42,071,393
1875.....	2,809,969	70	1,966,978	217	426,834,226	8 82	37,646,778
1876.....	2,665,935	70	1,866,154	215	401,223,110	7 18	28,807,819
1877.....	2,961,366	71	2,115,804	*215	455,687,574	4 99	22,738,831
1878.....	3,335,550	69	2,345,391	*210	492,532,110	3 46	16,724,384
1879.....	2,799,051	70	1,984,194	*210	416,680,740	3 99	16,640,061

\* Estimated. † Crop Reports Illinois Agricultural Department.

## DISEASES OF SWINE.

The loss of swine by disease, in 1879, is less than for several years past. The increased attention given to the sanitary management of swine, has doubtless had much to do with the decreased mortality. The comparatively dry season of 1879 is believed by some correspondents to have been favorable to the health of swine. The loss by disease has been mainly confined to pigs and shoats. The table on pages 36 and 37 gives, by counties, the loss of hogs by disease during the past year. For the last four years the aggregate loss of hogs to the State from disease is as follows:

Year.	No. of Hogs assessed.	Per cent. died.	Number died.	Ave. weight.	Value.
1876.....	2,665,935	17*	453,208	103	1,576,012
1877.....	2,961,366	12*	358,844	104	1,583,415
1878.....	3,335,920	14*	474,758	108	1,438,589
1879.....	2,799,051	6*	182,577	98	588,487
Average.....	2,940,318	12	367,347	103	1,296,626

The average loss each year for the years named above is a fraction over 12 per cent. of the number assessed and amounting to \$1,296,626.

## SHEEP KILLED BY DOGS.

The following table shows about the same per centage of loss of Sheep killed by dogs in 1879 as for previous years. The number of Sheep assessed in May, 1879, is 70,344 head more than for the previous year. The last General Assembly passed a law for the relief of flockmasters, which it is believed will license a great many worthless dogs out of existence, and insure the early payment for damages resulting from loss or injury to Sheep by dogs, other than their own, of the full amount proved. The table presented gives the estimated number and value of Sheep killed by dogs during the past four years:

YEAR.	No. Asses'd	Per cent. Killed.	Number Killed.	Amount of loss.
1876.....	824,854	3*	24,725	\$30,578
1877.....	777,105	3*	26,753	63,752
1878.....	775,757	3—	20,720	43,885
1879.....	846,181	3*	27,338	65,384

\* And a fraction over.



## BEEF CATTLE.

The following table gives the number of Fat Cattle marketed in this State during the past twenty-four years. The number assessed is used as a basis for estimating the number marketed each year since 1855. The average gross weight per head, and the price per 100 pounds live weight of Beef Cattle is compiled from the reports of the Chicago markets since 1861—prior to that date it is believed the estimates are below the facts, could they be obtained. The number of Cattle marketed in 1879 exceeds that of any previous year, and the average weight per head is greater than heretofore. The price with one exception (1878) is lower than in any previous year named in the table, which largely reduces the returns to the feeder. The receipts from Fat Cattle for 1879 is less than that of any year, except 1878, since 1866. The improvement in the quality of Fat Cattle is frequently mentioned by correspondents, as well as the increased profits attending the marketing of early matured cattle. The ambition of cattle feeders of this State to supply the market with Cattle, not excelled in quality and finish, has been attained in an eminent degree. The determination of the more prominent cattle men to sustain the high reputation of Illinois cattle in the home and foreign markets will insure still greater improvement in the form, distribution of meat in the best parts, with lighter "fifth quarter," results that can be obtained only by improved breeding and the most skillful feeding. The incentive to reach the highest standard of excellence in point of early maturity and superior quality of meat, will spur both breeder and feeder to produce animals that at an early age will furnish ripe, juicy, tender, well marbled meat of a quality now seldom seen in the stalls of the best butchers on either continent.

YEAR.	No. assessed.	Estimated per cent marketed.	No. beef cattle marketed.	A. V. gross wt. per head....	Total gross weight.	Value per 100 lbs. gross....	Value beef cattle product.
1856.....	1,169,855	+ 20	239,971	+ 1,000	233,971,000	+ \$4 75	\$11,113,622
1857.....	1,351,209	+ 20	270,242	+ 1,000	270,242,000	+ 4 75	12,836,495
1858.....	1,422,249	+ 20	284,450	+ 1,000	284,450,000	+ 4 75	13,541,375
1859.....	1,336,565	+ 20	267,513	+ 1,000	267,513,000	+ 4 75	12,706,867
1860.....	1,425,978	+ 20	285,106	+ 1,000	285,196,000	+ 5 00	14,259,800
1861.....	1,428,362	+ 20	285,672	+ 1,000	285,672,000	+ 5 00	14,283,600
1862.....	1,603,949	+ 20	320,790	+ 1,000	320,790,000	+ 5 00	16,039,500
1863.....	1,684,892	+ 20	336,978	+ 1,000	336,978,000	+ 5 00	16,848,900
1864.....	1,370,783	+ 20	374,157	+ 1,000	274,257,000	5 05	13,844,928
1865.....	1,568,280	+ 20	213,566	+ 1,000	313,656,000	5 70	17,878,392
1866.....	1,435,769	+ 20	287,154	+ 1,000	287,154,000	5 60	16,080,624
1867.....	1,486,381	+ 20	297,276	+ 1,000	297,276,000	5 75	17,093,370
1868.....	1,520,963	+ 20	304,193	1,035	340,049,405	5 75	18,977,840
1869.....	1,584,445	+ 20	316,889	1,103	349,528,567	5 70	19,923,130
1870.....	1,578,015	+ 20	315,603	1,110	350,319,330	5 85	20,493,679
1871.....	1,611,349	+ 20	322,270	1,129	363,842,850	4 75	17,282,533
1872.....	1,684,029	+ 20	336,806	1,137	382,948,422	4 85	18,572,997
1873.....	2,015,819	+ 20	463,164	1,145	461,622,780	4 50	20,773,026
1874.....	2,042,327	+ 20	408,465	1,152	470,551,680	4 85	22,821,757
1875.....	1,985,155	+ 20	397,031	1,147	455,394,557	4 85	22,086,633
1876.....	1,857,301	+ 20	371,460	1,156	429,407,760	4 05	17,891,016
1877.....	1,750,931	+ 20	350,186	+ 1,150	402,713,900	4 25	17,115,340
1878.....	1,775,401	+ 20	355,020	1,160	411,823,200	3 45	14,207,900
1879.....	1,862,265	22	409,982	1,162	476,473,759	3 50	16,751,450

+ Estimated.

## PASTURES.

There is a larger acreage of Pastures this season than last, as will be seen by the following table, which gives the acreage and value of Pastures the last three years, as returned by correspondents of this Department. The value per acre of Pastures is less than for three previous years, which is largely owing to the prevailing drouth. The table on pages 20 and 21 gives, by counties, the acreage and value of Pastures for the year 1879.

YEAR.	Acrea Pastures.	Value per acre.	Total value.
1877.....	3,992,825	\$3 38	\$14,764,112 00
1878.....	3,983,459	3 10	12,324,647 00
1879.....	4,193,884	2 95	12,319,620 00

## FAT SHEEP.

The following table gives the number of Sheep assessed each year since 1855. The number marketed each year is estimated at 20 per cent. of the assessment. The average gross weight per head and the value per 100 pounds, live weight, except as noted, has been obtained from the market reports of the city of Chicago, and while the weight, price and number marketed each year will be considered by authorities as somewhat below the average, the table will serve a valuable purpose in furnishing more complete information than has heretofore been given concerning the Sheep industry of the State, which is an important and growing interest worthy of more attention and encouragement.

YEAR.	No. assessed.	Estimated per cent marketed	No. Fat Sheep marketed.	Av. Gross wt per head....	Total gross weight.	Value per 100 lbs. Gross....	Value Fat Sheep product.
1856.....	786,433	20	157,286	† 90	14,155,740	† 3 50	\$495,450
1857.....	760,602	20	152,120	† 90	13,690,300	† 3 70	506,560
1858.....	760,793	20	152,158	90	13,694,220	2 30	314,967
1859.....	647,334	20	129,467	91	11,791,497	3 80	447,694
1860.....	584,430	20	116,886	95	11,104,170	3 39	366,440
1861.....	731,879	20	146,276	104	15,212,704	3 30	366,439
1862.....	913,024	20	182,605	102	18,625,710	3 90	625,402
1863.....	1,206,625	20	241,325	110	26,575,750	4 95	1,214,012
1864.....	1,606,144	20	321,229	111	35,656,319	5 91	2,107,293
1865.....	2,165,972	20	433,194	† 90	38,987,460	5 65	3,202,788
1866.....	2,415,980	20	483,016	104	50,233,664	4 35	2,185,166
1867.....	2,599,998	20	519,999	98	50,959,992	† 4 25	2,195,796
1868.....	2,336,716	20	467,343	† 90	42,060,870	3 80	1,598,314
1869.....	1,957,513	20	391,513	85	33,278,605	3 85	1,281,226
1870.....	1,434,236	20	286,847	† 90	25,816,230	4 19	1,058,464
1871.....	1,073,497	20	214,699	† 90	19,322,910	4 40	850,207
1872.....	1,010,475	20	202,095	† 90	17,188,550	4 15	754,826
1873.....	1,092,104	20	218,421	† 90	19,657,890	4 75	933,750
1874.....	1,036,831	20	207,366	† 90	18,962,944	4 40	821,168
1875.....	928,056	20	185,611	† 90	16,704,990	4 90	818,545
1876.....	824,854	20	164,971	† 90	14,847,390	4 50	668,133
1877.....	777,105	20	155,421	90	13,987,890	4 40	615,467
1878.....	775,757	20	155,151	104	16,135,704	3 80	613,156
1879.....	847,101	20	174,448	98	17,170,381	2 98	613,834

† Estimated.

## DIVERSITY OF CROPS.

Illinois has an area, according to the census report, of 55,410 square miles, or, according to the State Auditor, of 55,872 square miles, or over 34,511,444 acres, an area of nearly one-half that of the British Isles, or one-quarter that of France. From an article in late report of this department, on the "Agriculture of Illinois," by Hon. W. C. Flagg, the following extract is made:

"The soil of this vast plain is said to be mainly founded on drift from more northern localities. The subsoil over a large part of the State is usually a yellow clay, but in some of the northern counties it is gravel, and occasionally, especially in the Grand Prairie region, the lower formation of blue clay comes near the surface. The river bluffs are more or less covered with a calcareous deposit called 'loess,' of uniform character, and occasionally of great thickness. The surface soil varies still more than the subsoil; it seems to be more coarse and open in the north, and more finely commuted and close going southward, following in this respect the general analogy of the drift. An important practical consequence of this is the less liability of plants in the finer soil to damage from extreme dry cold or dry heat. Another consequence is that the northern soils are warmer, and are often planted with crops as early in the spring as the southern."

It will be seen from the following table that nearly all the crops grown in the United States receive more or less attention in Illinois. The length of the State from northern to southern boundary is over 370 miles, while at the widest part it is over two hundred miles from the east to the west line. In this extended range of latitude agriculture can be diversified more than elsewhere, and with a soil whose fertility seems practically inexhaustible, the previous results in the large contributions to the world's markets of meat and cereals may be considered as only the initiatory steps to the returns that may be reasonably expected in the near future with proper drainage and more thorough cultivation. There is great and increasing interest manifested in the subject of drainage, which cannot be better illustrated than by the statement of the fact of the successful establishment, within a few years, of over three hundred drain tile manufacturing, located in a large majority of the counties in the State. The spirit of improvement in the better modes of farming is widespread, and is more apparent to the observer each succeeding year. The profits received from late crops has provided necessary means and given an unparalleled impetus to the more thorough and profitable modes of farming. This change for the better is attested by the increased attention given to the improvement in quality of the various meat and dairy breeds of animals the demand for the best varieties of cereals, and the more thorough preparation of the ground for seeding, as well as the cultivation of the growing crops. The following tables, giving the official agricultural statistics as returned by assessors, of the area and yield of crops grown in the State for the years 1877 and 1878, are very imperfect and far from satisfactory. These partial returns may serve a purpose, as a basis for approximating the extent and yield of the various crops grown in the State. It will be seen from the table that over one-third of the area of the State is not included in the returns. The present law for the collection of

(Continued on page 73.)

## CROP REPORT.

COUNTIES.	Corn.	Meadow.	Winter Wheat.	Spring Wheat.	Oats.	Pasture.	Orchards.	Winter Rye.	Barley.	Irish Potatoes.	Sorghum	Flax Seed.
Adams.....	105,582	28,579	71,264	180	20,908	45,610	6,840	977	17	1,828	552	.....
Alexander.....	14,113	417	7,724	.....	421	406	365	15	.....	119	110	.....
Bond.....	3,340	15,787	28,357	.....	9,294	21,249	2,436	.....	.....	402	.....	.....
Boone.....	32,582	24,594	32,487	3,187	23,175	45,277	1,586	2,816	222	.....	.....	2,640
Brown.....	32,480	8,042	22,451	.....	3,593	19,334	1,253	2,863	25	1,366	283	.....
Bureau.....	150,391	38,611	.....	15,152	27,823	91,262	4,763	3,477	2,193	1,868	53	.....
Calhoun.....	13,820	1,867	15,657	.....	1,014	2,513	1,888	10	3,477	27	15	26
Carroll.....	70,788	24,466	4,117	12,200	27,416	55,100	1,646	5,571	.....	799	55	.....
Cass.....	21,975	3,469	14,838	54	8,553	18,634	1,121	631	.....	255	27	.....
Champaign.....	212,905	35,206	12,969	1,116	28,159	78,039	4,585	7,201	14	2,296	429	5,208
Christian.....	133,672	25,174	46,895	643	17,448	52,139	4,171	4,272	121	2,708	236	1,148
Clark.....	37,771	17,090	29,631	40	7,754	29,568	2,073	325	.....	251	352	28
Clay.....	14,603	18,170	.....	.....	6,040	12,432	1,907	358	.....	203	242	1,226
Coleman.....	40,666	8,352	56,918	.....	11,305	29,241	2,139	235	3	899	96	20
Clinton.....	78,085	18,537	14,546	88	10,131	153,279	2,606	650	145	551	310	11,124
Cook.....	44,456	95,913	.....	3,611	55,212	86,908	4,320	1,229	147	13,454	4	.....
Crawford.....	41,746	12,215	31,103	40	8,737	17,727	2,175	1,118	20	315	250	53
Cumberland.....	84,969	15,352	32,461	19	8,138	24,574	1,901	817	.....	250	401	.....
DeKalb.....	117,338	68,516	125	8,790	43,389	113,069	3,906	1,001	1,229	1,578	17	8,700
De Witt.....	83,950	13,963	6,936	3,120	13,866	30,658	2,761	5,434	67	283	84	.....
Douglas.....	68,637	18,297	3,636	537	11,223	51,564	2,041	1,951	3	263	128	22
DuPage.....	33,717	40,080	207	3,454	29,592	85,147	2,820	1,474	110	2,869	163	4,238
Edgar.....	104,594	27,502	24,126	595	12,008	85,147	3,395	1,049	14	390	89	.....
Edwards.....	16,097	8,252	18,831	13	2,133	6,112	1,489	44	.....	57	291	.....
Effingham.....	39,968	32,652	32,652	6	13,246	14,380	1,780	698	.....	525	205	.....
Fayette.....	47,768	18,341	44,061	29	8,496	23,498	2,754	1,004	.....	359	205	.....
Ford.....	136,745	20,562	20,562	943	13,175	27,462	1,976	1,863	22	417	116	17,624
Franklin.....	32,345	5,218	31,961	.....	8,687	8,416	1,706	51	6	200	576	.....
Fulton.....	147,910	33,811	17,215	7,549	19,320	36,156	5,198	1	.....	84	206	.....
Gallatin.....	25,583	2,149	18,349	.....	1,864	1,864	1,302	16	.....	399	59	.....
Greene.....	56,086	13,310	40,258	38	2,459	43,898	1,994	1,295	75	473	19	581
Grundy.....	26,396	26,932	92	622	10,724	58,468	1,476	1,227	.....	175	300	5
Hamilton.....	3,894	3,245	25,202	27	3,440	3,501	2,451	62	6	1,227	516	.....
Hancock.....	183,215	12,701	21,897	2,442	34,418	58,941	6,145	4,930	.....	1,573	.....	.....
Hardin.....	12,169	14,701	5,042	.....	4,305	4,305	692	.....	2	131	59	.....
Henderson.....	8,576	8,576	4,443	5,924	11,015	32,598	1,741	6,896	363	1,282	54	54
Henry.....	186,642	37,662	3,303	12,379	25,690	59,543	4,397	4,907	310	1,282	310	24,076
Iroquois.....	259,182	52,433	2,537	1,604	29,390	87,411	4,871	6,239	189	1,250	105	.....
Jackson.....	32,916	6,122	49,688	.....	3,519	4,620	3,695	88	51	318	105	.....
Jasper.....	32,525	16,930	16,775	685	5,657	10,954	1,357	325	.....	259	357	87
Jefferson.....	47,954	8,706	44,325	11	10,582	19,434	4,038	126	11	233	211	200



## ACRES IN CULTIVATION IN 1879—Continued.

COUNTIES.	Corn.	Meadows.	Winter Wheat.	Spring Wheat.	Oats.	Pasture.	Orchards.	Winter Rye.	Barley.	Irish Potatoes.	Sorghum	Flax Seed.
Jersey.....	30,286	10,040	69,795	.....	1,113	30,902	2,553	82	.....	249	.....	.....
Jo Daviess.....	62,181	10,473	3,182	4,016	31,457	50,861	2,067	2,885	316	1,725	19	1,732
Johnson.....	18,847	3,924	14,882	12	23,511	3,676	1,888	16	3	1,117	212	.....
Kane.....	50,663	50,222	48	3,071	29,780	84,176	1,509	1,628	237	1,161	.....	301
Kankakee.....	42,128	40,269	376	1,317	40,269	60,649	1,479	7,767	20	823	58	2,804
Kendall.....	71,760	31,010	68	1,733	14,602	49,512	3,032	247	6	636	.....	.....
Knox.....	156,699	34,561	2,480	12,132	37,343	16,687	4,408	7,059	73	1,381	206	.....
Lake.....	24,394	40,588	81	2,685	19,853	62,963	2,908	4,63	78	1,267	.....	7,298
LaSalle.....	258,354	82,084	464	11,852	50,507	121,802	6,894	3,490	656	2,737	92	9
Lawrence.....	35,335	9,435	28,065	916	3,418	10,804	2,956	120	135	296	.....	.....
Lee.....	103,809	35,644	.....	36,269	48,992	58,728	3,688	.....	.....	.....	.....	.....
Livingston.....	283,146	39,192	490	7,796	18,017	54,258	5,061	7,815	72	1,306	162	8,479
Logan.....	177,121	14,730	7,796	1,918	13,593	56,091	2,740	5,894	102	888	75	.....
Macon.....	192,665	18,803	10,455	665	17,677	48,405	3,349	3,314	80	750	145	.....
Macoupin.....	106,549	23,661	96,172	90	17,318	77,505	5,679	258	22	507	129	.....
Madison.....	83,526	16,533	112,767	.....	14,564	27,499	5,280	31	.....	3,831	11	.....
Marion.....	49,727	16,309	25,982	2,077	6,287	15,663	4,562	1,507	16	210	425	264
Marshall.....	114,434	15,717	3,723	3,723	18,891	36,704	2,478	2,757	131	460	60	.....
Mason.....	67,599	2,876	8,056	852	6,711	7,295	1,699	.....	.....	.....	.....	.....
Massac.....	12,229	2,499	16,914	.....	1,342	1,896	998	20	.....	329	126	.....
McDonough.....	121,174	24,120	2,917	10,529	15,853	35,238	2,531	5,480	.....	500	254	.....
McHenry.....	61,816	45,755	3,164	2,651	29,968	88,355	3,657	1,776	518	1,666	17	.....
McLean.....	285,475	45,643	6,205	6,205	47,844	151,834	6,218	13,769	59	1,454	160	1,042
Menard.....	63,286	9,723	13,121	6,891	6,682	82,179	1,438	865	13	303	22	.....
Mercer.....	108,950	22,361	1,215	12,921	15,963	75,199	3,174	3,877	62	735	709	.....
Monroe.....	16,822	6,910	51,875	.....	5,325	7,708	1,226	55	57	943	79	.....
Montgomery.....	128,424	24,631	15,473	195	17,136	51,734	4,960	1,642	83	473	98	.....
Morgan.....	92,307	20,968	15,794	1,376	13,855	92,777	3,600	1,600	.....	271	341	213
Moultrie.....	72,408	8,639	8,610	226	10,111	20,513	1,882	1,882	5,134	1,211	27	475
Ogle.....	114,790	37,689	2,173	15,693	56,724	65,434	2,689	6,415	.....	1,582	64	.....
Peoria.....	97,335	26,057	3,482	3,749	22,092	31,056	2,715	11,238	45	1,582	.....	.....
Perry.....	13,816	3,184	39,374	.....	7,647	4,665	1,130	11	.....	151	74	.....
Piatt.....	109,824	15,503	8,895	347	13,926	42,878	2,243	3,469	25	385	119	.....
Pike.....	74,552	18,110	82,455	66	5,085	33,773	3,970	57	16	485	152	.....
Pope.....	19,775	2,638	11,717	97	4,182	4,077	2,369	6	.....	1,256	400	.....
Pulaski.....	1,874	1,251	11,251	.....	615	652	1,585	50	.....	300	187	.....
Putnam.....	11,679	1,874	11,251	.....	615	652	1,585	50	.....	300	187	.....
Randolph.....	30,963	5,957	3,122	3,122	4,878	16,853	1,164	1,242	31	217	25	.....
Richland.....	25,139	3,985	83,124	.....	9,762	9,977	1,556	19	115	650	182	.....
Rock Island.....	28,104	3,986	23,877	.....	7,254	13,098	2,828	144	.....	280	225	166
Saline.....	21,367	58,065	501	8,061	11,814	58,065	2,983	3,162	475	1,962	62	25
Saline.....	20,726	3,906	16,417	73	3,368	1,054	880	12	6	77	252	.....

Sangamon .....	159,138	26,530	26,800	1,482	13,765	106,112	4,946	4,125	24	1,456	56	20
Schnyder .....	46,990	13,083	22,011	759	5,660	21,484	2,234	1,698	5	225	372	
Scott .....	38,079	5,571	21,268	44	813	15,406	1,052	450	4	283	48	
Shelby .....	100,904	28,862	34,723	332	16,299	44,694	1,937	2,043	5	937	300	86
Stark .....	68,145	11,354	164	3,416	10,612	29,972	1,331	1,611	7	308	41	
St. Clair .....	40,785	12,569	104,747	.....	8,602	11,318	4,004	1,32	103	2,794	23	
Stephenson .....	72,718	31,307	4,929	12,476	34,394	49,854	2,323	12,395	5,202	1,254	16	2,304
Tazewell .....	125,749	22,374	10,943	3,434	26,708	36,157	3,676	10,268	138	852	55	
Union .....	18,223	4,842	25,688	3,117	5,052	6,379	4,110	52	4	276	92	
Vermilion .....	170,920	36,731	25,796	601	14,390	101,162	3,055	3,297	8	766	270	5,210
Wabash .....	17,299	4,976	22,462	.....	1,758	4,703	1,294	55	9	108	95	47
Warren .....	116,648	29,393	813	6,613	23,142	69,464	5,236	5,067	1	535	128	
Washington .....	29,747	3,643	72,137	.....	18,272	10,158	2,333	80	29	392	110	15
Wayne .....	42,863	18,277	29,206	5	8,923	22,986	3,619	188	1	448	540	72
White .....	38,723	7,099	45,734	.....	2,667	5,816	1,716	5	.....	232	244	
Whiteside .....	128,660	36,852	463	16,239	28,482	79,771	2,874	8,156	2,043	1,396	55	
Will .....	138,217	74,484	323	2,984	64,705	109,450	6,112	10,770	62	3,963	27	2,495
Williamson .....	23,059	3,486	28,557	.....	4,801	11,700	1,820	29	3	103	294	3
Winnebago .....	74,656	22,860	74,656	4,669	42,779	61,024	2,133	10,469	550	1,127	17	
Woodford .....	115,930	24,909	2,090	7,886	33,123	31,590	2,915	5,635	175	1,680	83	
Total .....	7,918,881	2,161,760	2,131,336	303,736	1,631,139	4,193,884	290,646	235,742	25,494	90,351	14,949	110,016

## PRICES OF CROPS

COUNTIES.	Corn, per bushel, cents.....	Winter wheat, per bushel.....	Spring wheat, per bushel.....	Oats, per bushel, cents.....	Rye, per bushel.....	Barley, per bushel.....	Buckwheat, per bushel.....	White beans, per bushel.....	Castor beans, per bushel.....	Irish potatoes, per bu., cents..	Winter apples, per bushel.....	Cotton seed, per bushel.....	Flax seed, per bushel.....	Timothy seed, per bushel.....	Clover seed, per bushel.....
Adams.....	30	\$1 30	28	25	55	72	\$1 20	1 50	66	75	\$2 50	\$2 00	\$5 25	\$2 00	\$5 25
Alexander.....	35	1 13	35	25	55	72	1 40	1 50	38	80	1 25	2 50	2 50	2 50	5 25
Bond.....	30	1 25	25	25	55	72	1 50	1 50	38	80	1 25	2 50	2 50	2 50	5 25
Boone.....	35	1 15	\$1 05	33	70	72	1 50	1 50	35	\$1 00	1 25	2 10	2 10	4 80	4 80
Brown.....	30	1 20	1 10	25	55	72	1 00	1 45	70	55	1 25	2 15	2 15	5 00	5 00
Bureau.....	34	1 15	1 07	30	67	72	95	1 45	50	95	1 25	2 25	2 25	4 60	4 60
Calhoun.....	30	1 25	35	25	55	72	1 00	1 50	50	80	1 25	2 35	2 35	4 75	4 75
Carroll.....	33	1 05	1 05	29	71	50	80	1 50	45	60	1 25	2 25	2 25	5 12	5 12
Cass.....	33	1 18	27	25	55	72	1 00	1 50	45	73	1 25	2 15	2 15	4 50	4 50
Champaign.....	32	1 18	30	65	71	50	90	1 35	45	70	1 25	2 15	2 15	4 85	4 85
Christian.....	31	1 25	1 20	30	70	60	1 25	1 55	50	50	1 00	2 10	2 10	5 00	5 00
Clark.....	31	1 25	26	55	55	50	1 10	1 55	50	52	1 03	2 25	2 25	5 00	5 00
Clay.....	25	1 16	23	50	50	50	1 10	1 55	50	54	1 03	2 65	2 65	5 00	5 00
Clinton.....	29	1 22	29	50	50	50	1 12	1 70	50	54	1 03	2 00	2 00	6 00	6 00
Coles.....	32	1 17	25	73	72	80	1 10	1 48	48	50	1 43	2 40	2 40	5 40	5 40
Cook.....	39	1 28	1 22	35	73	72	80	1 73	48	50	1 43	2 50	2 50	8 25	8 25
Crawford.....	30	1 30	30	60	80	1 50	1 08	1 55	50	50	1 00	2 12	2 12	4 90	4 90
Cumberland.....	33	1 21	1 00	27	65	45	1 08	1 48	48	50	1 10	2 00	2 00	5 00	5 00
DeKalb.....	34	1 15	1 05	31	68	55	72	1 50	45	1 00	1 37	2 12	2 12	4 90	4 90
DeWitt.....	31	1 20	1 00	29	65	50	1 00	1 42	42	75	1 25	2 12	2 12	5 00	5 00
Douglas.....	32	1 23	1 00	30	60	50	1 25	1 50	50	45	1 10	2 05	2 05	4 65	4 65
DuPage.....	39	1 30	1 23	33	75	82	60	1 45	50	1 00	1 35	2 07	2 07	4 75	4 75
Edgar.....	33	1 25	1 25	29	75	75	2 15	1 55	55	55	1 00	2 37	2 37	5 00	5 00
Edwards.....	31	1 28	30	60	60	75	1 65	1 43	43	79	1 00	2 37	2 37	5 00	5 00
Effingham.....	30	1 25	1 00	26	60	90	1 33	1 55	55	46	1 20	2 32	2 32	5 00	5 00
Fayette.....	30	1 27	27	62	60	75	1 62	1 70	70	1 00	1 20	2 45	2 45	5 00	5 00
Ford.....	32	1 10	90	28	60	60	1 85	95	48	90	1 20	2 45	2 45	5 00	5 00
Franklin.....	31	1 17	29	75	75	1 00	1 30	1 00	40	1 15	1 35	2 37	2 37	5 00	5 00
Fulton.....	31	1 25	1 15	32	70	1 00	1 50	1 75	50	50	1 00	2 00	2 00	4 50	4 50
Gallatin.....	35	1 20	30	60	60	75	1 50	1 60	60	50	1 35	2 50	2 50	5 00	5 00
Greene.....	30	1 25	30	60	60	75	1 50	1 75	50	50	1 00	2 17	2 17	5 25	5 25
Grundy.....	34	1 35	1 25	31	72	85	1 50	1 60	60	50	1 35	2 50	2 50	5 00	5 00
Hamilton.....	30	1 17	24	55	55	72	1 12	1 90	50	55	1 00	2 00	2 00	4 50	4 50
Hancock.....	30	1 25	1 00	27	60	72	1 50	1 56	80	50	1 00	2 17	2 17	5 25	5 25
Hardin.....	30	1 07	25	60	60	60	1 00	1 30	40	1 00	1 20	2 00	2 00	5 00	5 00
Henderson.....	30	1 04	1 04	27	65	40	60	2 50	60	67	1 20	2 00	2 00	5 00	5 00
Henry.....	32	1 12	1 00	32	65	1 00	2 50	1 50	50	90	1 20	2 15	2 15	5 00	5 00
Iroquois.....	32	1 15	30	65	85	1 00	1 35	1 55	90	55	1 00	2 00	2 00	5 00	5 00
Jackson.....	35	1 25	30	60	60	75	1 50	1 60	60	55	1 00	2 00	2 00	5 00	5 00
Jasper.....	27	1 25	25	50	50	1 25	1 10	1 45	47	1 00	1 20	2 05	2 05	5 00	5 00
Jefferson.....	29	1 20	27	70	60	1 00	1 08	1 05	50	50	1 00	1 75	1 75	4 00	4 00
Jersey.....	30	1 25	30	60	60	75	1 50	1 60	60	55	1 00	2 00	2 00	4 30	4 30
JoDavies.....	29	1 10	1 00	30	63	62	80	1 15	32	1 00	1 22	1 75	1 75	4 90	4 90
Johnson.....	20	1 20	30	60	60	75	1 50	1 75	50	75	1 35	2 35	2 35	4 85	4 85
Kane.....	38	1 25	1 15	32	73	73	75	1 40	45	93	1 40	2 20	2 20	4 65	4 65
Kankakee.....	35	1 25	1 12	32	72	70	60	1 50	50	85	1 40	2 20	2 20	4 35	4 35
Kendall.....	35	1 30	1 12	33	70	75	1 50	1 50	50	1 00	1 20	2 25	2 25	5 10	5 10
Knox.....	28	1 18	1 07	28	65	72	90	1 53	54	1 00	1 40	2 50	2 50	5 25	5 25
Lake.....	35	1 25	1 15	32	75	76	85	1 50	50	75	1 40	2 20	2 20	5 00	5 00
LaSalle.....	37	1 25	1 15	32	70	70	1 00	1 50	45	75	1 50	2 00	2 00	5 00	5 00
Lawrence.....	32	1 25	30	62	1 00	60	1 80	1 38	38	55	1 25	2 10	2 10	4 60	4 60
Lee.....	34	1 27	1 12	50	55	65	75	1 50	50	87	1 25	2 05	2 05	5 00	5 00
Livingston.....	33	1 15	98	30	72	60	1 15	1 60	60	70	1 25	2 05	2 05	5 00	5 00



DECEMBER 20, 1879.

Cheese, per pound, cents.....	12
Butter, per pound, cents.....	22
Milk cows, value per head....	20
Wool, per pound, cents.....	28
Fat sheep, gross, per 100 pounds.....	50
Sorghum molasses, per gallon,	45
Native wine, per gallon.....	31
Cotton lint, per pound, cents..	10
Tobacco, per pound .....	09
Flax, per ton.....	\$13 00
Hemp, per ton.....	.....
Broom corn, per ton.....	\$45 00
Hungarian and millet hay, per ton .....	\$9 00
Prairie hay, per ton.....	\$8 00
Timothy hay, per ton.....	\$15 00
Clover hay, per ton.....	\$9 33
Grapes, per pound.....	04
Sweet potatoes, per bushel....	\$ 85
Pears, per bushel.....	\$2 00
Peaches, per bushel—in their season.....	\$1 10
Hungarian and millet, per bushel .....	\$1 00
.....	60
.....	50
.....	67
.....	70
.....	50
.....	80
.....	87
.....	50
.....	65
.....	50
.....	1 30
.....	50
.....	65
.....	65
.....	75
.....	2 00
.....	2 00
.....	1 50
.....	50
.....	1 00
.....	1 50
.....	50
.....	1 25
.....	1 75
.....	1 85
.....	75
.....	1 00
.....	3 00
.....	1 50
.....	75
.....	1 00
.....	1 00
.....	1 00
.....	2 50
.....	2 00
.....	78
.....	1 00

## PRICES OF CROPS

COUNTIES.	Corn, per bushel, cents.....	Winter Wheat, per bushel .....	Spring Wheat, per bushel.....	Oats, per bushel, cents.....	Rye, per bushel.....	Barley, per bushel .....	Buckwheat, per bushel .....	White Beans, per bushel .....	Castor beans, per bushel.....	Irish potatoes, per bu., cents...	Winter apples, per bushel.....	Cotton seed, per bushel.....	Flax seed, per bushel.....	Timothy seed, per bushel.....	Clover seed, per bushel.....
Logan.....	32	1 25	1 08	29	58	.....	1 75	60	1 00	.....	2 00	.....	2 00	.....	.....
Macou.....	32	1 21	97	26	69	75	1 60	50	60	.....	1 25	1 70	4 40	.....	.....
Macoupin.....	30	1 26	.....	26	.....	.....	2 00	75	55	.....	.....	2 50	5 15	.....	.....
Madison.....	30	1 26	.....	27	70	.....	1 35	1 10	65	60	1 40	2 40	5 50	.....	.....
Marion.....	25	1 17	1 15	19	55	.....	1 35	1 00	45	50	1 12	2 50	6 00	.....	.....
Marshall.....	35	1 20	1 03	32	66	.....	1 40	55	55	85	.....	2 20	4 75	.....	.....
Mason.....	38	1 30	1 16	28	75	.....	2 25	65	30	1 50	.....	2 30	5 00	.....	.....
Massac.....	32	1 27	.....	32	.....	.....	.....	80	1 00	.....	.....	2 50	4 00	.....	.....
McDonough.....	29	1 15	90	30	50	.....	2 00	80	95	1 41	.....	2 50	5 25	.....	.....
McHenry.....	36	1 16	1 11	30	66	82	75	1 25	40	85	1 25	1 85	4 50	.....	.....
McLean.....	31	1 24	1 07	30	69	70	1 50	49	80	.....	.....	2 00	.....	.....	.....
Menard.....	32	1 23	.....	30	60	.....	1 75	70	75	.....	.....	2 10	5 00	.....	.....
Mercer.....	31	1 26	1 16	32	65	72	1 00	55	1 00	.....	.....	2 35	4 85	.....	.....
Monroe.....	33	1 23	.....	37	72	.....	1 75	40	50	1 25	.....	2 55	5 15	.....	.....
Montgomery.....	30	1 26	.....	25	55	50	1 00	60	75	.....	.....	2 50	6 00	.....	.....
Monroe.....	30	1 25	.....	30	50	.....	.....	70	75	1 10	.....	2 10	4 50	.....	.....
Moultrie.....	32	1 16	1 05	27	61	.....	2 00	50	75	1 10	.....	2 40	5 85	.....	.....
Ogle.....	33	1 13	1 03	31	67	59	76	1 15	45	75	1 10	2 10	4 50	.....	.....
Peoria.....	34	1 16	1 00	33	77	.....	2 00	50	90	.....	.....	2 00	.....	.....	.....
Perry.....	32	1 22	.....	27	75	.....	2 00	45	65	.....	.....	1 75	5 35	.....	.....
Piatt.....	31	1 21	95	28	60	50	78	1 25	55	75	1 25	2 45	5 35	.....	.....
Pike.....	27	1 23	.....	23	55	.....	1 25	65	45	.....	.....	2 25	4 50	.....	.....
Pope.....	37	1 27	.....	30	.....	.....	1 25	30	1 50	.....	.....	4 00	.....	.....	.....
Pulaski.....	35	1 40	.....	32	.....	.....	95	60	80	.....	.....	2 35	5 00	.....	.....
Putnam.....	34	1 00	95	31	65	35	3 00	60	75	.....	.....	2 00	5 00	.....	.....
Randolph.....	32	1 24	.....	33	75	.....	1 35	1 00	45	80	.....	1 90	4 75	.....	.....
Richland.....	26	1 25	.....	20	65	.....	1 60	1 00	50	55	1 00	2 00	4 00	.....	.....
Rock Island.....	27	1 20	1 10	27	65	55	80	1 00	40	1 00	.....	2 25	5 00	.....	.....
Saline.....	25	1 25	.....	25	75	.....	1 00	90	25	1 00	.....	2 10	5 00	.....	.....
Sangamon.....	30	1 25	1 10	25	65	.....	1 50	65	65	.....	.....	2 15	4 75	.....	.....
Schuyler.....	32	1 25	1 12	26	55	.....	1 00	65	65	1 00	.....	3 75	4 00	.....	.....
Scott.....	30	1 22	1 10	40	60	.....	.....	75	65	.....	.....	2 50	4 50	.....	.....
Shelby.....	30	1 18	.....	28	57	.....	1 50	60	60	1 00	.....	2 00	4 25	.....	.....
Stark.....	32	1 05	1 00	32	70	.....	2 00	50	75	.....	.....	5 00	.....	.....	.....
St. Clair.....	33	1 26	.....	35	85	1 05	.....	1 15	55	95	1 25	2 00	4 60	.....	.....
Stephenson.....	34	1 10	92	30	62	48	55	1 20	35	70	1 15	2 50	5 00	.....	.....
Tazewell.....	35	1 21	1 03	34	75	60	.....	1 85	70	50	.....	2 20	6 80	.....	.....
Union.....	37	1 22	.....	.....	.....	.....	.....	40	40	1 20	.....	2 00	4 85	.....	.....
Vermilion.....	32	1 23	1 00	28	60	.....	2 00	50	80	.....	.....	3 00	4 75	.....	.....
Wabash.....	28	1 25	.....	27	.....	.....	50	.....	65	.....	.....	3 00	6 00	.....	.....
Warren.....	29	1 03	92	29	62	90	.....	55	90	1 10	.....	2 10	4 65	.....	.....
Washington.....	30	1 21	.....	20	.....	.....	3 00	40	60	.....	.....	2 00	4 25	.....	.....
Wayne.....	25	1 15	.....	26	.....	.....	50	1 20	1 05	50	.....	2 05	4 60	.....	.....
White.....	31	1 19	.....	25	.....	.....	1 75	1 00	50	90	1 25	2 00	4 85	.....	.....
Whiteside.....	35	1 22	1 10	29	75	65	75	2 25	50	80	.....	2 15	4 75	.....	.....
Will.....	37	1 13	1 00	32	73	60	50	1 40	60	90	.....	2 00	4 85	.....	.....
Williamson.....	30	1 23	.....	28	1 25	.....	.....	1 10	40	75	.....	2 15	4 75	.....	.....
Winnebago.....	35	1 12	96	33	73	75	67	1 15	40	1 15	.....	2 00	4 55	.....	.....
Woodford.....	32	1 12	96	32	67	60	60	.....	55	77	.....	.....	.....	.....	.....

DECEMBER 20, 1879—Continued.

Cheese, per pound, cents.....	18	15
Butter, per pound, cents.....	20	18
Milk cows, value per head....	\$34 00	37 00
Wool, per pound, cents.....	28	30
Fat sheep, gross, per 100 pounds.....	\$3 55	3 40
Sorghum molasses, per gallon..	\$3 75	3 50
Native wine, per gallon.....	\$1 00	45 45
Cotton lint, per pound, cents..	25	07
Tobacco, per pound.....	08	12 00
Flax, per ton.....	\$4 33	06
Hemp, per ton.....	\$4 00	10
Broom corn, per ton.....	\$60 00	05
Hungarian and millet hay, per ton.....	\$7 00	03
Prairie hay, per ton.....	\$7 75	02
Timothy hay, per ton.....	\$11 00	02
Clover hay, per ton.....	\$10 00	03
Grapes, per pound.....	\$1 15	03
Sweet potatoes, per bushel.....	\$1 25	03
Pears, per bushel.....	\$2 00	03
Pears, per bushel—in their season.....	\$2 00	03
Hungarian and millet per bushel.....	\$1 00	03



## CORN.

TABLE showing the Acreage, Yield in Bushels, Value of Crop for 1879, compared with 1878.

COUNTIES.	Acreage from Assessor's returns, 1878 .....	Per cent of Increase or Decrease. ....	Acreage for 1879 .....	Av. yield per acre in bu.	Crop in bushels 1879 .....	Price per bush. Dec. 20.	Value of crop 1879 .....	Value of crop 1878 .....	Crop in bushels 1878 .....
Adams. . . . .	90,241	117	105,582	43	4,540,026	30	\$1,362,008	\$688,395	2,294,649
Alexander. . . . .	14,113	100	14,113	35	493,955	35	172,884	91,472	338,712
Bond. . . . .	38,340	100	38,340	37	1,418,580	30	425,574	118,091	513,440
Boone. . . . .	31,030	105	32,582	36	1,172,952	35	410,533	315,080	1,432,182
Brown. . . . .	30,933	105	32,480	39	1,266,720	30	380,016	186,670	746,680
Bureau. . . . .	163,468	92	150,391	36	5,414,076	34	1,840,786	1,186,778	5,394,444
Calhoun. . . . .	13,162	105	13,820	42	580,440	30	174,132	130,297	434,825
Carroll. . . . .	65,544	108	70,788	42	2,973,096	33	981,122	612,952	3,064,760
Cass. . . . .	48,929	105	51,375	32	1,641,000	33	542,520	506,359	2,301,630
Champaign. . . . .	212,905	100	212,905	37	7,877,485	32	2,520,795	1,152,853	6,067,646
Christian. . . . .	137,207	112	153,672	42	6,454,224	31	2,000,809	913,199	4,348,566
Clark. . . . .	48,745	98	47,771	34	1,624,214	31	503,506	291,131	1,164,525
Clay. . . . .	35,995	105	37,795	31	1,171,645	25	292,911	178,438	660,881
Clinton. . . . .	47,842	85	40,666	39	1,585,974	29	459,932	396,060	1,584,240
Coles. . . . .	70,986	110	78,085	40	3,123,400	32	999,488	496,661	2,257,552
Cook. . . . .	52,301	85	44,456	31	1,378,136	39	537,473	368,746	1,189,504
Crawford. . . . .	36,301	115	41,746	31	1,294,126	30	388,238	186,333	745,332
Cumberland. . . . .	32,990	106	34,969	33	1,153,977	33	380,812	130,804	523,215
DeKalb. . . . .	113,920	103	117,338	42	4,928,196	34	1,675,587	1,064,506	4,628,286
DeWitt. . . . .	76,318	110	83,950	42	3,525,900	31	1,093,029	469,200	2,346,000
Douglas. . . . .	63,464	105	66,637	40	2,665,480	32	852,954	495,045	2,475,225
DuPage. . . . .	33,717	100	33,717	37	1,247,529	39	486,536	457,647	2,080,215
Edgar. . . . .	101,548	103	104,594	40	4,183,760	33	1,380,641	731,794	3,484,734
Edwards. . . . .	18,938	85	16,097	30	482,910	31	149,702	198,909	663,030
Effingham. . . . .	38,065	105	39,968	37	1,478,816	30	443,645	207,855	692,850
Fayette. . . . .	47,768	100	47,768	40	1,910,720	30	573,216	147,453	589,812
Ford. . . . .	127,802	107	136,748	34	4,649,432	32	1,487,818	673,165	3,059,840
Franklin. . . . .	35,158	92	32,345	31	1,067,385	31	330,889	199,346	738,318
Fulton. . . . .	145,010	102	147,910	38	5,680,580	31	1,742,380	725,050	3,625,250
Gallatin. . . . .	30,098	85	25,583	36	920,988	35	322,346	140,256	584,400
Greene. . . . .	52,463	105	55,086	41	2,258,526	30	677,558	606,941	2,427,765
Grundy. . . . .	9,613	104	9,894	37	366,078	34	124,466	438,868	1,908,126
Hamilton. . . . .	28,691	92	26,396	40	1,055,840	30	316,752	968,212	3,872,850
Hancock. . . . .	128,903	108	139,215	43	5,986,245	30	1,795,873	845,810	4,229,049
Hardin. . . . .	11,815	103	12,169	24	292,056	30	87,617	59,075	236,300
Henderson. . . . .	71,497	95	67,922	43	2,020,646	30	876,194	645,078	3,225,390
Henry. . . . .	194,419	96	186,642	36	6,719,112	32	2,150,116	1,495,138	6,796,080
Iroquois. . . . .	239,983	108	259,182	31	8,034,642	31	2,490,739	1,525,462	6,933,916
Jackson. . . . .	25,462	90	22,916	38	870,808	35	304,783	133,672	445,575
Jasper. . . . .	33,880	96	32,525	31	1,008,275	28	282,317	71,093	222,166
Jefferson. . . . .	47,954	100	47,954	39	1,870,206	30	561,062	249,627	900,102
Jersey. . . . .	28,844	105	30,286	40	1,211,440	30	363,432	190,370	634,568
JoDavies. . . . .	62,181	100	62,181	48	2,984,688	28	835,713	635,337	3,343,878
Johnson. . . . .	18,847	100	18,847	20	376,940	20	75,388	226,881	648,232
Kane. . . . .	50,663	100	50,663	42	2,127,846	37	787,303	395,810	1,583,240
Kankakee. . . . .	36,007	117	42,128	25	1,053,200	35	368,620	1,171,496	5,093,460
Kendall. . . . .	71,760	100	71,760	30	2,152,800	35	753,480	318,450	1,384,565
Knox. . . . .	153,626	102	156,699	42	6,581,358	30	1,974,407	1,095,642	5,478,208
Lake. . . . .	24,394	100	24,394	40	2,975,760	38	370,789	192,840	771,348
LaSalle. . . . .	253,354	100	258,354	35	9,042,390	37	3,345,784	1,625,623	6,773,430
Lawrence. . . . .	30,461	116	35,335	27	954,041	31	295,754	116,261	352,305
Lee. . . . .	108,135	96	103,809	37	3,810,933	34	1,305,917	931,042	4,433,535
Livingston. . . . .	257,405	110	283,146	40	11,325,840	33	3,737,527	1,587,749	7,217,040

## CORN—Continued.

TABLE showing the Acreage, Yield in Bushels, and Value of Crop for 1879, Compared with 1878.

COUNTIES.	Acreage from Assessor's returns, 1878 .....	Per cent. of Increase or Decrease.....	Acreage for 1879.....	Av. yield per acre in bu.	Crop in bushels 1879.....	Price per bush. Dec. 20.	Value of crop 1879.....	Value of crop 1878.....	Crop in bushels 1878.....
Logan.....	171,962	103	177,121	36	6,376,356	32	\$2,040,434	\$784,086	3,733,744
Macon.....	119,092	103	122,665	36	4,415,940	32	1,413,101	899,851	4,499,253
Macoupin.....	101,475	105	106,549	50	5,327,450	30	1,598,235	555,456	2,221,824
Madison.....	86,798	96	83,326	50	4,166,300	30	1,249,890	443,568	1,928,556
Marion.....	52,344	95	49,727	27	1,342,629	25	335,657	288,109	1,152,438
Marshall.....	+114,434	100	114,434	38	4,348,492	35	1,521,972	748,821	2,975,284
Mason.....	+61,454	110	67,599	25	1,689,975	38	642,191	307,270	1,229,080
Massac.....	11,438	107	12,239	26	318,214	32	101,828	113,134	337,525
McDonough.....	+112,199	108	121,174	40	4,846,960	29	1,405,618	560,995	2,804,975
McHenry.....	+56,191	110	61,810	36	2,225,160	36	801,058	561,910	2,247,640
McLean.....	261,904	109	285,475	44	12,560,900	31	3,893,879	1,909,849	9,094,518
Menard.....	63,286	100	63,286	36	2,278,296	32	729,055	455,895	2,170,930
Mercer.....	108,950	100	108,950	50	5,417,500	31	1,688,725	852,751	4,263,754
Monroe.....	17,708	95	16,823	42	706,596	33	233,167	137,104	391,725
Montgomery.....	107,020	120	128,424	50	6,421,200	30	1,926,360	287,652	1,438,260
Morgan.....	+76,923	120	92,307	40	3,692,280	30	1,107,684	619,230	2,692,305
Moultrie.....	65,825	110	72,408	33	2,389,464	32	764,628	491,370	2,339,856
Ogle.....	114,790	100	114,790	44	5,050,760	33	1,666,751	1,132,891	4,720,380
Peoria.....	97,335	100	97,335	40	3,893,400	34	1,323,756	701,537	3,050,163
Perry.....	13,414	103	13,816	83	455,928	32	145,897	46,567	133,050
Piatt.....	98,941	111	109,824	40	4,392,960	31	1,361,818	414,342	2,180,750
Pike.....	74,552	100	74,552	40	2,982,880	27	805,162	781,892	3,257,883
Pope.....	19,775	100	19,775	32	632,800	37	234,136	136,050	453,500
Pulaski.....	11,917	98	11,679	28	327,012	35	114,454	59,719	170,625
Putnam.....	30,061	103	30,963	43	1,331,409	34	452,679	271,862	1,087,450
Randolph.....	24,407	103	25,139	41	1,030,699	32	329,824	144,677	478,925
Richland.....	29,275	96	28,104	28	786,912	26	204,597	57,407	173,960
Rock Island.....	64,593	107	69,115	43	2,971,945	27	802,425	395,033	1,881,108
Saline.....	20,726	100	20,726	40	829,040	25	207,260	137,044	548,175
Sangamon.....	154,503	103	159,138	36	5,728,968	30	1,718,690	1,153,668	5,968,340
Schuyler.....	46,590	100	46,590	42	1,956,780	32	626,170	356,589	1,550,388
Scott.....	31,212	122	38,079	57	2,170,503	30	651,151	189,286	788,690
Shelby.....	82,708	122	100,904	35	3,531,640	30	1,059,492	617,947	2,808,848
Stark.....	64,900	105	68,145	45	3,066,525	32	981,288	606,529	2,756,952
St. Clair.....	40,785	100	40,785	52	2,120,820	33	699,871	566,537	1,888,458
Stephenson.....	78,191	93	72,718	42	3,054,156	34	1,038,413	1,043,550	5,492,369
Tazewell.....	125,749	100	125,749	36	4,526,964	35	1,584,437	695,253	3,022,841
Union.....	18,223	100	18,223	35	637,805	37	235,988	298,435	904,784
Vermilion.....	161,245	106	170,920	37	6,324,040	32	2,023,693	883,369	4,649,310
Wabash.....	17,894	97	17,299	45	778,455	28	217,967	164,421	657,696
Warren.....	126,791	92	116,648	45	5,249,160	29	1,522,256	1,326,259	6,980,310
Washington.....	31,313	95	29,747	35	1,041,145	30	312,343	116,172	331,920
Wayne.....	42,863	100	42,863	34	1,457,342	25	384,336	319,485	1,228,788
White.....	43,025	90	38,723	36	1,394,028	31	432,149	380,802	1,586,675
Whiteside.....	122,533	105	128,660	40	5,146,400	35	1,801,240	1,003,763	4,562,560
Will.....	131,635	105	138,217	30	4,146,510	37	1,534,209	1,532,159	5,892,920
Williamson.....	25,621	90	23,059	32	737,888	30	221,366	157,432	629,728
Winnebago.....	74,655	100	74,655	37	2,762,235	35	966,782	674,693	3,212,826
Woodford.....	115,930	100	115,930	43	4,984,990	32	1,595,197	666,402	2,897,400
	7,673,190	103	7,918,881	38	305,913,377	32	\$97,483,052	\$56,035,848	250,560,810

+ Estimated.

## WINTER GRAIN.

COUNTIES.	WINTER WHEAT.				WINTER RYE.			
	*Acreage 1879.	Per Cent. of In- crease or Dec.	Acreage 1880 Crop.	Average Condi- tion Dec. 20.	*Acreage 1879	Per Cent. of In- crease or Dec.	Acreage 1880 Crop.	Average Condition Dec. 20, '79.....
Adams.....	71,264	110	78,390	90	977	100	977	100
Alexander.....	7,724	106	8,187	96	15	100	15	100
Bond.....	28,357	120	34,028	100				
Boone.....	437	150	655	103	2,816	122	3,435	103
Brown.....	22,451	125	28,063	95	263	75	197	90
Bureau.....					3,177	106	3,367	105
Calhoun.....	15,657	112	17,586	100	10	100	10	....
Carroll.....	4,117	100	6,175	100	5,571	95	5,292	100
Cass.....	14,838	134	19,882	80	631	100	631	85
Champaign.....	12,969	134	17,378	103	7,201	85	6,121	100
Christian.....	46,895	160	75,032	95	4,272	55	2,350	100
Clark.....	29,631	135	40,002	100	325	85	276	95
Clay.....	18,170	150	27,255	120	358	100	358	100
Clinton.....	56,918	120	68,302	105	235	190	211	97
Coles.....	14,546	130	18,910	110	650	90	585	100
Cook.....	60	105	63	90	1,229	105	1,290	95
Crawford.....	31,103	132	41,056	121	118	100	118	105
Cumberland.....	32,461	123	39,927	110	817	75	613	100
DeKalb.....	125	180	225	100	1,001	100	1,001	125
DeWitt.....	3,634	206	7,486	125	5,434	100	5,434	112
Douglas.....	6,936	290	20,114	105	1,951	96	1,875	96
DuPage.....	207	115	238	92	1,474	95	1,400	90
Edgar.....	24,126	150	36,189	110	1,049	100	1,049	100
Edwards.....	18,831	120	22,597	103	44	100	44	....
Effingham.....	32,652	120	39,182	120	698	100	698	105
Fayette.....	44,061	118	51,992	110	1,004	80	803	100
Ford.....	239	140	335	96	1,863	80	1,490	93
Franklin.....	31,961	105	33,559	95	51	50	25	75
Fulton.....	17,215	165	28,405	110	1	80	1	102
Gallatin.....	18,349	110	20,183	100	1	100	1	100
Greene.....	40,253	120	48,304	107	16	100	16	....
Grundy.....	92	105	97	100	1,295	90	1,165	100
Hamilton.....	25,202	130	32,763	100	62	80	50	100
Hancock.....	21,897	146	31,970	87	4,930	87	4,289	100
Hardin.....	5,042	117	5,899	100				
Henderson.....	4,443	135	5,998	95	6,896	80	5,517	100
Henry.....	303	205	621	90	4,907	110	5,398	95
Iroquois.....	2,537	165	4,186	107	6,239	100	6,239	100
Jackson.....	49,588	103	51,076	103	88	100	88	....
Jasper.....	16,775	120	20,130	100	325	100	325	100
Jefferson.....	44,325	115	50,974	108	126	100	126	100
Jersey.....	69,725	107	74,606	95	82	90	74	83
Jo Daviess.....	3,182	200	6,364	95	2,885	80	2,308	95
Johnson.....	14,882	110	16,370	110	16	100	16	....
Kane.....	48	90	43	93	1,628	100	1,628	93
Kankakee.....	376	300	1,123	85	7,767	75	5,825	100
Kendall.....	68	103	70	96	247	115	284	100
Knox.....	2,480	160	3,968	100	7,059	95	6,706	100
Lake.....	81	155	125	90	463	90	417	95
LaSalle.....	464	142	659	102	3,420	100	3,420	100
Lawrence.....	28,065	115	32,275	105	120	120	144	125
Lee.....								
Livingston.....	490	133	651	98	7,815	100	7,815	100



## WINTER GRAIN—Continued.

COUNTIES.	WINTER WHEAT.				WINTER RYE.			
	*Acreage 1879	Per cent. of in- crease or Dec.	Acreage 1880 Crop.	Average condi- tion Dec. 20,...	*Acreage 1879	Per cent. of in- crease or Dec.	Acreage 1880 Crop.	Average condi- tion Dec. 20, '79
Logan .....	7,726	240	18,542	104	5,824	78	4,543	100
Macon .....	10,455	155	16,205	100	3,314	80	2,651	100
Macoupin .....	96,172	119	114,444	108	258	100	258	105
Madison .....	112,767	120	135,320	120	31	100	31	100
Marion .....	25,932	115	29,822	105	1,507	87	1,311	100
Marshall .....					2,757	98	2,702	100
Mason .....	8,056	121	9,748	93				
Massac .....	16,914	105	17,760	95	20	100	20	.....
McDonough .....	2,967	140	4,154	100	5,480	75	4,110	100
McHenry .....	2,164	152	3,289	85	1,776	100	1,776	87
McLean .....	3,411	202	6,890	103	13,769	93	12,205	96
Menard .....	18,121	146	19,157	100	865	100	865	101
Mercer .....	1,215	143	1,737	96	3,877	100	3,877	96
Monroe .....	51,875	123	63,806	108	55	90	49	105
Montgomery .....	55,473	162	89,866	110	1,642	75	1,231	120
Morgan .....	15,794	170	26,850	90				
Moultrie .....	8,610	155	13,345	112	1,600	100	1,600	115
Ogle .....	2,173	155	3,368	101	6,415	100	6,415	100
Peoria .....	3,482	125	4,352	100	11,238	75	8,428	90
Perry .....	39,374	112	44,099	106	11	100	11	100
Platt .....	5,895	100	5,895	96	3,469	83	2,879	96
Pike .....	82,455	118	97,297	107	57	90	51	98
Pope .....	11,717	117	13,709	110	6	100	6	.....
Pulaski .....	11,251	102	11,476	120	50	100	50	.....
Putnam .....	307	112	344	98	1,242	96	1,192	98
Randolph .....	83,124	110	91,436	93	19	100	19	100
Richland .....	25,877	126	32,605	104	144	100	144	97
Rock Island .....	501	215	1,077	93	3,162	96	3,035	100
Saline .....	16,417	110	18,059	110	12	100	12	.....
Sangamon .....	26,800	148	39,664	103	4,125	86	3,547	100
Schuyler .....	22,011	153	34,777	120	1,698	98	1,664	100
Scott .....	21,268	110	23,395	100	450	90	405	100
Shelby .....	34,723	148	51,390	102	2,043	100	2,043	100
Stark .....	164	125	205	100	1,611	120	1,933	96
St. Clair .....	104,747	104	108,937	98	132	100	132	100
Stephenson .....	4,929	115	5,668	100	12,395	87	10,784	100
Tazewell .....	10,943	140	15,320	103	10,268	85	8,798	100
Union .....	25,688	117	30,055	97	52	100	52	.....
Vermilion .....	25,796	216	55,719	153	3,297	76	2,506	133
Wabash .....	22,482	110	24,730	94	55	100	55	100
Warren .....	813	191	1,553	90	5,067	96	4,864	93
Washington .....	72,137	105	75,744	100	80	110	88	.....
Wayne .....	29,306	125	36,632	105	183	100	183	.....
White .....	45,734	112	51,222	102	5	120	6	100
Whiteside .....	463	150	694	100	8,156	50	4,078	100
Will .....	323	116	375	90	10,770	108	11,632	90
Williamson .....	28,557	113	32,270	103	29	100	29	110
Winnebago .....	885	187	1,655	91	10,469	90	9,422	93
Woodford .....	2,090	141	2,947	116	5,635	103	5,804	101
	2,131,336	125	2,657,227	101	235,742	92	218,941	99

## PASTURE.

COUNTIES.	Acreage from As- sessor's Re- turn 1878.	Per Cent. of Increase or Decrease.....	Acreage 1879	Value per Acre.....	Total Val- ue 1879.	Total Val- ue 1878.
Adams.....	48,011	95	45,610	\$4 25	\$193,842	\$132,709
Alexander.....	1,427	95	406	6 00	2,436	787
Bond.....	123,610	90	21,249	2 15	45,685	50,114
Boone.....	43,536	104	45,277	3 50	158,470	112,792
Brown.....	20,352	95	19,334	1 50	29,001	64,911
Bureau.....	101,402	90	91,262	4 00	365,048	263,068
Calhoun.....	2,513	100	2,513	3 50	8,795	12,108
Carroll.....	55,100	100	55,100	4 00	220,400	363,420
Cass.....	19,615	95	18,634	3 00	55,902	101,263
Champaign.....	78,059	100	78,059	3 50	273,206	288,156
Christian.....	57,932	90	52,139	2 25	117,313	214,272
Clark.....	29,568	100	29,568	2 50	73,920	60,410
Clay.....	12,432	100	12,432	1 75	21,756	17,592
Clinton.....	27,849	105	29,241	3 35	97,957	53,160
Coles.....	153,279	100	153,279	1 50	229,918	260,858
Cook.....	86,908	100	86,908	3 00	260,724	138,078
Crawford.....	17,727	100	17,727	2 35	41,658	47,720
Cumberland.....	24,574	100	24,574	2 00	49,148	21,840
DeKalb.....	113,069	100	113,069	2 65	299,633	236,512
De Witt.....	32,272	95	30,658	1 45	44,454	91,665
Douglas.....	51,564	100	51,564	3 00	154,692	109,541
DuPage.....	58,709	97	56,948	2 50	142,370	333,024
Edgar.....	86,885	98	85,147	3 00	255,441	250,205
Edwards.....	6,434	95	6,112	13 10	18,947	10,734
Efingham.....	15,137	95	14,380	2 50	35,950	27,656
Fayette.....	23,037	102	23,498	2 65	62,270	83,076
Ford.....	27,642	100	27,462	2 65	72,774	67,705
Franklin.....	18,416	100	8,416	2 35	19,778	12,740
Fulton.....	140,173	90	36,156	2 35	84,967	88,112
Gallatin.....	2,301	81	1,864	3 00	5,592	10,366
Greene.....	54,872	80	43,898	2 75	120,719	263,363
Grundy.....	60,904	96	58,468	2 75	160,787	213,357
Hamilton.....	3,805	92	3,501	4 00	14,004	4,856
Hancock.....	58,941	100	58,941	3 00	176,823	83,306
Hardin.....	14,100	105	4,305	4 00	17,220	12,320
Henderson.....	35,009	93	32,558	3 85	125,348	124,944
Henry.....	94,256	95	89,543	5 00	447,715	368,640
Iroquois.....	84,865	103	87,411	1 75	152,969	161,038
Jackson.....	5,133	90	4,620	13 10	14,322	13,342
Jasper.....	10,237	107	10,954	1 65	18 074	49,950
Jefferson.....	24,292	80	19,434	2 25	43,726	69,073
Jersey.....	137,753	80	30,202	2 00	60,404	178,830
Jo Daviess.....	50,861	100	50,861	3 75	190,729	182,001
Johnson.....	3,501	105	3,676	13 10	11,396	4,462
Kane.....	84,176	100	84,176	3 30	277,781	250,967
Kankakee.....	57,761	105	60,649	2 35	142,525	275,528
Kendall.....	49,512	100	49,512	4 00	198,048	185,928
Knox.....	19,632	85	16,687	3 10	51,730	441,522
Lake.....	62,963	100	62,963	2 00	125,926	125,066
LaSalle.....	121,822	100	121,822	3 20	389,830	41,154
Lawrence.....	11,138	97	10,804	2 35	25,389	22,740
Lee.....	158,728	100	58,728	4 00	234,912	162,240
Livingston.....	75,359	72	54,258	3 50	189,903	320,008

## PASTURE—Continued.

COUNTIES.	Acreage from As- sessors' re- turns, 1878.	Per cent. of Increase or Decrease.....	Acreage 1879	Value per acre.....	Tot'l value 1879	Tot'l value 1878
Logan.....	56,091	100	56,091	\$3 20	\$179,491	\$163,690
Macon.....	48,405	100	48,405	3 50	169,417	138,795
Macoupin.....	77,505	100	77,505	2 85	220,889	108,642
Madison.....	27,499	100	27,499	3 65	100,371	199,708
Marion.....	28,478	55	15,663	5 00	78,315	130,549
Marshall.....	†38,636	85	36,704	2 85	104,606	94,584
Mason.....	†7,295	100	7,295	6 00	3,770	29,180
Massac.....	1,896	100	1,896	†3 10	5,878	3,276
McDonough.....	†38,302	92	35,238	2 50	88,095	155,619
McHenry.....	†88,355	100	88,355	1 20	106,026	234,200
McLean.....	151,834	100	151,834	2 50	379,585	361,551
Menard.....	35,754	90	32,179	2 25	72,403	108,385
Mercer.....	73,009	103	75,199	3 50	263,196	181,455
Monroe.....	7,708	100	7,708	3 50	26,978	36,980
Montgomery.....	64,668	80	51,734	2 25	116,401	99,356
Morgan.....	†107,880	86	92,777	2 50	231,942	235,681
Moultrie.....	26,640	77	20,513	1 85	37,949	97,677
Ogle.....	65,434	100	65,434	3 00	196,362	52,187
Peoria.....	28,756	108	31,056	3 85	119,566	116,767
Perry.....	4,665	100	4,665	2 25	10,496	10,124
Piatt.....	41,629	103	42,878	3 00	128,634	98,361
Pike.....	33,773	100	33,773	3 10	104,696	124,101
Pope.....	4,431	92	4,077	6 75	27,520	13,067
Pulaski.....	652	100	652	†3 10	2,021	1,232
Putnam.....	16,853	100	16,853	2 40	40,447	51,512
Randolph.....	10,614	94	9,977	4 00	39,908	12,705
Richland.....	14,553	90	13,098	4 25	55,666	21,838
Rock Island.....	58,065	100	58,065	3 00	174,195	164,276
Saline.....	1,004	105	1,054	1 50	1,581	6,435
Sangamon.....	117,962	90	106,112	3 65	387,309	273,959
Schuyler.....	22,097	97	21,434	3 25	69,660	52,959
Scott.....	18,562	83	15,406	3 50	53,921	83,160
Shelby.....	44,694	100	44,694	2 25	100,561	102,684
Stark.....	31,549	95	29,972	3 75	112,395	91,167
St. Clair.....	11,318	100	11,318	4 00	45,272	87,862
Stephenson.....	48,402	103	49,854	2 60	129,620	195,382
Tazewell.....	38,660	95	36,157	3 50	126,549	55,281
Union.....	6,379	100	6,379	†3 10	19,775	21,496
Vermilion.....	101,162	100	101,162	2 35	237,731	165,482
Wabash.....	5,533	85	4,703	4 00	18,812	30,693
Warren.....	66,792	104	69,464	3 00	208,392	187,634
Washington.....	11,041	92	10,158	2 00	20,316	30,176
Wayne.....	22,986	100	22,986	2 25	51,718	108,031
White.....	6,763	86	5,816	2 75	15,994	21,930
Whiteside.....	79,771	100	79,771	3 50	279,198	369,890
Will.....	109,450	100	109,450	3 35	363,657	117,189
Williamson.....	11,700	100	11,700	6 25	73,125	20,692
Winnebago.....	61,024	100	61,024	3 10	189,174	78,380
Woodford.....	41,566	76	31,590	3 00	94,770	99,438
Total.....	4,355,288	96	4,193,884	\$2 95	\$12,319,620	\$12,324,647

† Estimated.



## \*ORCHARDS.

COUNTIES.	Acreage assessor's returns 1878	Average 1878 compared with 1879.....	Acreage 1879	Value of product per acre.....	Total value of product 1879	Total value of product 1878
Adams.....	7,862	87	6,840	\$10 00	\$68,400	\$70,430
Alexander.....	430	85	365	7 50	2,737	2,795
Bond.....	42,388	102	2,436	0 00	24,360	9,552
Boone.....	1,762	90	1,586	18 00	28,548	31,727
Brown.....	1,741	98	1,253	44 80	6,014	39,810
Bureau.....	45,014	95	4,763	5 00	23,815	92,759
Calhoun.....	1,798	105	1,888	5 00	9,440	18,515
Carroll.....	1,646	100	1,646	48 25	13,579	89,340
Cass.....	1,121	100	1,121	43 65	4,092	39,090
Champaign.....	5,095	90	4,585	6 50	29,802	29,881
Christian.....	3,898	107	4,171	48 25	34,411	51,885
Clark.....	2,073	100	2,073	10 00	20,730	24,959
Clay.....	1,734	110	1,907	10 00	19,070	47,160
Clinton.....	2,674	80	2,139	10 00	21,390	9,690
Coles.....	2,606	4100	2,606	10 00	26,060	23,471
Cook.....	4,235	102	4,320	17 00	73,440	47,190
Crawford.....	2,175	100	2,175	12 00	26,100	36,778
Cumberland.....	1,811	105	1,901	48 50	16,158	28,850
DeKalb.....	3,906	100	3,906	7 50	29,295	102,550
DeWitt.....	2,630	105	2,761	44 80	13,253	15,163
Douglas.....	2,104	97	2,041	20 00	40,820	49,725
DuPage.....	2,820	100	2,820	15 00	42,300	25,344
Edgar.....	3,395	100	3,395	49 30	31,573	102,080
Edwards.....	1,712	87	1,489	45 50	8,189	10,066
Effingham.....	1,589	112	1,780	15 00	26,700	10,400
Fayette.....	2,648	104	2,754	48 50	23,409	4,790
Ford.....	1,882	105	1,976	11 00	21,736	9,030
Franklin.....	41,896	90	1,706	8 00	13,648	47,400
Fulton.....	45,198	100	5,198	5 50	28,589	68,873
Gallatin.....	1,302	100	1,302	3 50	4,557	29,160
Greene.....	1,994	100	1,994	13 00	25,922	56,000
Grundy.....	1,736	85	1,476	45 75	8,487	11,928
Hamilton.....	2,723	90	2,451	46 80	16,667	11,965
Hancock.....	6,537	94	6,145	12 00	73,740	38,902
Hardin.....	41,258	55	692	44 00	2,768	6,919
Henderson.....	1,741	100	1,741	42 00	3,482	44,605
Henry.....	4,311	102	4,397	5 00	21,985	26,369
Iroquois.....	4,729	103	4,871	15 00	73,065	62,610
Jackson.....	3,695	100	3,695	15 00	55,425	6,984
Jasper.....	1,318	103	1,357	7 50	10,177	9,185
Jefferson.....	3,605	112	4,038	48 75	35,332	23,545
Jersey.....	42,553	100	2,553	45 50	14,041	14,041
JoDavies.....	2,057	100	2,057	9 00	18,513	29,638
Johnson.....	1,888	100	1,888	45 50	10,384	58,750
Kane.....	2,788	90	2,509	5 00	12,545	73,795
Kankakee.....	2,275	65	1,479	5 00	7,395	60,875
Kendall.....	3,032	100	3,032	7 00	21,224	19,000
Knox.....	4,280	103	4,408	6 00	26,448	154,975
Lake.....	2,908	100	2,908	6 25	18,175	16,340
La Salle.....	6,824	100	6,824	43 30	22,519	21,683
Lawrence.....	2,051	110	2,256	45 50	12,408	12,324
Lee.....	43,688	100	3,688	8 00	29,504	64,540
Livingston.....	4,962	102	5,061	15 00	75,915	64,385

## ORCHARDS—Continued.

COUNTIES.	Acreage assessor's returns 1878	Acreage 1878 compared with 1879.....	Acreage 1879	Value of product per acre.....	Total value of product 1879	Total value of product 1878
Logan .....	2,740	100	2,740	†\$6 00	\$16,440	\$29,964
Macon .....	3,349	100	3,349	16 00	53,584	67,525
Macoupin .....	5,679	100	5,679	15 00	85,185	22,792
Madison .....	5,387	98	5,280	†6 00	31,680	72,936
Marion .....	4,802	95	4,562	†4 50	20,529	59,570
Marshall .....	†2,723	91	2,478	12 50	30,975	14,976
Mason .....	†1,699	†100	1,699	3 00	5,097	21,237
Massac .....	998	100	998	†2 75	2,744	21,275
McDonough .....	†3,375	75	2,531	10 00	25,310	33,750
McHenry .....	†4,204	87	3,657	12 00	43,884	105,100
McLean .....	7,066	88	6,218	11 50	71,507	514,400
Menard .....	1,514	95	1,438	3 75	5,392	10,660
Mercer .....	3,082	103	3,174	11 50	36,501	18,312
Monroe .....	1,533	80	1,226	13 00	15,938	18,480
Montgomery .....	4,960	100	4,960	†7 50	37,200	37,595
Morgan .....	†3,600	100	3,600	†4 25	15,300	72,000
Moultrie .....	1,759	107	1,882	†8 40	15,809	37,200
Ogle .....	2,891	93	2,689	4 50	12,100	12,075
Peoria .....	2,636	103	2,715	6 50	17,647	20,287
Perry .....	1,215	93	1,130	9 00	10,170	7,940
Platt .....	2,243	100	2,243	†8 40	18,841	24,417
Pike .....	4,411	90	3,970	7 50	29,775	48,839
Pope .....	2,369	100	2,369	7 50	17,767	16,464
Pulaski .....	1,441	110	1,585	†5 00	7,925	31,795
Putnam .....	1,164	100	1,164	3 25	3,783	4,994
Randolph .....	1,556	100	1,556	15 00	23,340	30,254
Richland .....	2,828	100	2,828	6 75	19,089	25,300
Rock Island .....	2,983	100	2,983	3 25	9,695	35,187
Saline .....	1,174	75	880	3 00	2,640	8,160
Sangamon .....	4,849	102	4,946	5 00	24,730	72,386
Schuyler .....	2,224	†100	2,224	5 00	11,120	29,835
Scott .....	1,115	97	1,082	†6 25	6,762	5,055
Shelby .....	3,874	50	1,937	†8 50	16,464	31,986
Stark .....	1,331	100	1,331	10 00	13,310	30,050
St. Clair .....	3,813	105	4,004	15 00	60,060	42,727
Stephenson .....	2,498	93	2,323	5 00	11,615	47,595
Tazewell .....	3,676	100	3,676	5 50	20,218	23,535
Union .....	4,110	100	4,110	†6 40	26,304	38,041
Vermilion .....	3,564	86	3,065	15 00	45,975	28,870
Wabash .....	1,321	98	1,294	†5 50	7,117	5,831
Warren .....	5,226	100	5,226	†3 00	15,678	43,380
Washington .....	2,127	105	2,233	5 00	11,165	32,610
Wayne .....	3,414	106	3,619	14 00	50,666	90,360
White .....	1,972	87	1,716	2 00	3,432	5,955
Whiteside .....	3,832	75	2,874	6 50	18,681	115,080
Will .....	5,659	108	6,112	11 00	67,232	8,145
Williamson .....	2,333	78	1,820	6 50	11,830	14,085
Winnnebago .....	2,510	85	2,133	15 00	31,995	27,075
Woodford .....	2,915	108	2,915	10 00	29,150	7,800
	301,842	96	290,646	\$8 59	\$2,497,687	\$4,181,662

† Estimated.

\* Apple, Peach, Pear and Vineyards.

## IRISH POTATOES.

COUNTIES.	Acreage assessors returns 1878	Per cent. of increase or decrease.....	Acreage 1879	Yield per acre in bush- els.....	Crop in bushels	Price per bushel De- cember 20.....	Value of crop.
Adams.....	1,741	105	1,828	40	73,120	65	\$47,528
Alexander.....	†149	80	119	100	11,900	38	4,522
Bond.....							
Boone.....	402	100	402	97	38,994	35	13,648
Brown.....	243	100	243	45	10,935	70	7,654
Bureau.....	†1,366	100	1,366	75	102,450	50	51,225
Calhoun.....	353	76	268	40	10,720	50	5,360
Carroll.....	776	103	799	200	159,800	45	71,910
Cass.....	255	100	255	43	10,965	75	8,224
Champaign.....	1,836	125	2,295	91	208,845	45	93,980
Christian.....	745	95	708	45	31,860	55	17,523
Clark.....	251	100	251	60	15,060	50	7,580
Clay.....	203	100	203	47	9,541	55	5,247
Clinton.....	856	105	899	67	60,233	50	30,316
Coles.....	580	95	551	85	46,835	42	19,671
Cook.....	11,699	115	13,454	45	605,433	48	290,606
Crawford.....	306	103	315	85	26,775	55	14,726
Cumberland.....	278	90	250	46	11,500	48	5,520
DeKalb.....	1,503	105	1,578	100	157,800	45	71,010
DeWitt.....	308	95	293	87	25,491	42	10,706
Douglas.....	203	100	203	75	15,225	50	7,612
DuPage.....	3,020	95	2,869	100	286,900	50	143,450
Edgar.....	390	100	390	70	27,300	55	15,015
Edwards.....	57	100	57	100	5,700	43	2,451
Efingham.....	515	102	525	90	47,250	55	25,987
Fayette.....	342	105	359	83	29,797	80	20,885
Ford.....	390	107	417	84	35,028	50	17,514
Franklin.....	†200	100	200	100	20,000	48	9,600
Fulton.....							
Gallatin.....	140	60	84	114	9,576	40	3,830
Greene.....	399	100	399	30	11,970	75	8,277
Grundy.....	434	109	473	105	49,665	60	29,799
Hamilton.....	204	86	175	92	16,100	50	8,050
Hancock.....	1,203	102	1,227	60	73,420	55	40,491
Hardin.....	†1,748	90	1,573	100	157,300	30	47,190
Henderson.....	131	100	131	37	4,847	60	2,908
Henry.....	1,233	104	1,282	100	128,200	50	64,100
Iroquois.....	1,158	108	1,250	80	100,000	55	55,000
Jackson.....	335	95	318	110	34,980	40	13,992
Jasper.....	273	95	259	60	15,540	45	6,993
Jefferson.....	281	83	233	112	26,096	50	13,048
Jersey.....	†249	100	249	40	9,960	65	6,474
Jo Daviess.....	1,725	100	1,725	90	155,250	32	49,680
Johnson.....	114	103	117	50	5,850	50	2,925
Kane.....	1,116	104	1,161	115	133,515	45	60,082
Kankakee.....	791	104	823	65	53,495	50	26,747
Kendall.....	636	100	636	55	34,980	50	17,490
Knox.....	1,315	105	1,381	95	131,195	54	70,845
Lake.....	1,267	100	1,267	65	82,355	50	41,177
LaSalle.....	2,607	105	2,737	60	164,220	45	73,899
Lawrence.....	296	100	296	133	39,368	35	13,779
Lee.....							
Livingston.....	1,244	105	1,306	81	105,786	60	\$63,472



## IRISH POTATOES—Continued.

COUNTIES.	Acreage assessors returns 1878	Per cent. of Increase or Decrease.....	Acreage 1879	Yield per acre in bush- els.....	Crop in bushels.	Price per bushel De- cember 20.....	Value of crop.
Logan.....	906	98	888	65	57,720	60	\$34,632
Macon.....	872	86	750	68	51,000	50	25,500
Macoupin.....	478	106	507	70	35,490	75	26,617
Madison.....	3,709	106	3,931	60	235,860	65	153,309
Marion.....	314	67	210	162	34,020	45	15,309
Marshall.....	460	100	460	62	28,520	55	15,686
Mason.....							
Massac.....	329	100	329	40	13,160	30	3,948
McDonough.....	4500	100	500	20	10,000	80	8,000
McHenry.....	†1,587	105	1,666	112	186,592	40	74,637
McLean.....	1,563	93	1,454	111	161,394	50	80,697
Menard.....	303	100	303	62	18,786	70	13,150
Mercer.....	733	103	755	63	47,565	55	26,161
Monroe.....	943	100	943	160	150,880	50	75,440
Montgomery.....	451	105	473	10	4,730	60	2,838
Morgan.....							
Moultrie.....	301	90	271	40	10,840	50	5,420
Ogle.....	1,211	100	1,211	137	165,907	45	74,658
Peoria.....	1,413	112	1,582	90	142,380	50	71,190
Perry.....	147	103	151	87	13,137	45	5,911
Platt.....	385	100	385	50	19,250	55	10,587
Pike.....	511	95	485	75	36,375	65	23,643
Pope.....	1,513	83	1,256	147	182,632	30	55,390
Pulaski.....	300	100	300	40	12,000	60	7,200
Putnam.....	229	95	217	37	8,029	60	4,817
Randolph.....	663	98	650	133	86,450	45	38,902
Richland.....	311	90	280	71	19,880	50	9,940
Rock Island.....	1,869	105	1,962	98	192,276	40	76,910
Saline.....	77	100	77	100	7,700	25	1,925
Sangamon.....	1,266	115	1,456	25	36,400	65	23,660
Schuyler.....	245	92	225	42	9,450	65	6,142
Scott.....	283	100	283	*81	22,923	75	17,192
Shelby.....	801	117	937	100	93,700	60	56,220
Stark.....	308	100	308	92	28,336	50	14,168
St. Clair.....	2,636	106	2,794	107	298,958	55	164,427
Stephenson.....	1,255	100	1,255	100	125,500	35	43,925
Tazewell.....	852	100	852	37	31,524	70	22,067
Union.....	276	100	276	75	20,700	40	8,280
Vermilion.....	766	100	766	50	38,300	50	19,150
Wabash.....	108	100	108	178	19,224	35	6,728
Warren.....	525	102	535	76	40,660	55	22,363
Washington.....	436	90	392	150	58,800	40	23,520
Wayne.....	448	100	448	131	58,688	50	29,344
White.....	280	90	252	90	22,680	50	11,340
Whiteside.....	1,396	100	1,396	100	139,600	50	69,800
Will.....	3,963	100	3,963	91	360,633	60	216,380
Williamson.....	124	83	103	122	12,566	40	5,026
Winnebago.....	1,127	100	1,127	85	95,795	40	38,318
Woodford.....	680	100	680	70	47,600	55	26,180
	87,719	103	90,351	78	7,125,932	50	\$3,506,788

† Acreage from Assessors' Returns 1877.

\* Estimated.

## SORGHUM.

COUNTIES.	Acreage from assessor's returns 1878	Per cent. of increase or decrease.....	Acreage 1879	No. of gallons of syrup per acre.....	Total No. gallons produced	Price per gallon.....	Value of product
Adams .....	526	105	552	70	38,640	45	\$17,388
Alexander .....	+138	80	110	137	15,070	30	4,521
Bond .....							
Boone .....							
Brown .....	283	100	283	110	31,130	40	12,452
Bureau .....	+53	100	53	62	3,286	60	1,972
Calhoun .....	15	100	15	*108	1,620	40	648
Carroll .....	27	100	27	*108	2,916	50	1,458
Cass .....	55	*100	55	*108	5,940	45	2,673
Champaign .....	429	100	429	108	46,332	45	20,849
Christian .....	248	95	236	100	23,600	40	9,440
Clark .....	352	100	352	62	21,824	33	7,202
Clay .....	231	105	242	50	12,100	28	3,388
Clinton .....	96	*100	96	90	8,640	35	3,024
Coles .....	301	103	310	*108	33,480	35	11,718
Cook .....	4	*100	4	*108	432	*40	173
Crawford .....	4	105	4	125	500	40	200
Cumberland .....	382	105	401	58	23,258	30	6,977
DeKalb .....	17	*100	17	*108	1,836	*40	734
De Witt .....	134	63	84	125	10,500	40	4,200
Douglas .....	128	100	128	150	19,200	30	5,760
DuPage .....	1	*100	1	340	340	60	204
Edgar .....	172	95	163	*108	17,604	50	8,802
Edwards .....	119	75	89	*108	9,612	42	4,037
Effingham .....	285	102	291	87	25,317	35	8,861
Fayette .....	216	95	205	93	19,065	85	6,673
Ford .....	116	*100	116	80	9,280	45	4,176
Franklin .....	+538	107	576	90	51,840	35	18,144
Fulton .....							
Gallatin .....	258	80	206	110	22,660	30	6,798
Greene .....	64	93	59	50	2,950	50	1,475
Grundy .....	19	*100	19	*108	2,052	50	1,026
Hamilton .....	306	100	306	125	38,250	35	13,388
Hancock .....	532	97	516	86	44,376	40	17,750
Hardin .....							
Henderson .....	119	50	59	100	5,900	40	2,360
Henry .....	54	*100	54	190	10,260	50	5,130
Iroquois .....	310	100	310	75	23,250	40	9,300
Jackson .....	105	100	105	110	11,550	35	4,042
Jasper .....	337	100	337	100	33,700	33	11,121
Jefferson .....	222	95	211	210	44,310	40	17,724
Jersey .....							
Jo Daviess .....	19	*100	19	*108	2,052	50	1,026
Johnson .....	196	108	212	50	10,600	30	3,180
Kane .....							
Kankakee .....	55	105	58	80	4,640	45	2,088
Kendall .....	3	*100	3	150	450	50	225
Knox .....	196	105	206	130	26,780	50	13,390
Lake .....	1	100	1	*108	108	*40	43
LaSalle .....	92	100	92	105	9,660	45	4,347
Lawrence .....	287	103	296	80	23,680	40	9,472
Lee .....							
Livingston .....	202	80	162	60	9,720	40	3,888

## SORGHUM—Continued.

COUNTIES.	Acreage from assessor's returns 1878	Per cent of Increase or Decrease.....	Acreage 1879	No. of gallons syrup per acre.....	Total No. gallons produced.	Price per gallon.....	Value of product.
Logan .....	75	100	75	150	11,250	45	\$5,062
Macon .....	165	88	145	120	17,400	45	7,830
Macoupin.....	129	*100	129	*108	13,932	45	6,269
Madison.....	112	100	112	88	9,856	45	4,435
Marion .....	425	100	425	165	70,125	35	24,544
Marshall.....	+60	*100	60	100	6,000	40	2,400
Mason .....							
Massac.....	126	100	126	*108	13,608	25	3,402
McDonough.....	+231	110	254	160	40,640	30	12,192
McHenry.....	+13	130	17	133	2,261	45	1,017
McLean.....	152	105	160	120	19,200	47	9,024
Menard.....	22	100	22	80	1,760	40	704
Mercer.....	201	100	201	70	14,070	55	7,738
Monroe.....	79	*100	79	*108	8,532	60	5,119
Montgomery.....	98	100	98	*108	10,584	30	3,175
Morgan .....							
Moultrie.....	359	95	341	120	40,920	45	18,414
Ogle.....	27	100	27	75	2,025	50	1,012
Peoria.....	85	75	64	*108	6,912	45	3,110
Perry.....	74	100	74	*108	7,992	35	2,797
Piatt.....	108	110	119	45	5,355	40	2,142
Pike.....	152	100	152	*108	16,416	45	7,387
Pope.....	430	93	400	110	44,000	25	11,000
Pulaski.....	175	107	187	45	8,415	50	4,207
Putnam.....	28	90	25	110	2,750	50	1,375
Randolph.....	227	80	182	100	18,200	40	7,280
Richland.....	250	90	225	52	11,700	25	2,925
Rock Island.....	59	105	62	*108	6,696	50	3,348
Saline.....	252	100	252	100	25,200	25	6,300
Sangamon.....	45	125	56	153	8,848	50	4,424
Schuyler.....	413	90	372	92	34,224	35	11,978
Scott.....	48	100	48	*108	5,184	50	2,592
Shelby.....	300	100	300	120	36,000	40	14,400
Stark.....	42	97	41	130	5,330	50	2,665
St. Clair.....	31	75	23	*108	2,484	45	1,118
Stephenson.....	16	*100	16	*108	1,728	40	691
Tazewell.....	69	80	55	*108	5,940	50	2,970
Union.....	92	100	92	*108	9,936	40	3,974
Vermilion.....	270	100	270	*108	29,160	40	11,664
Wabash.....	101	94	95	102	9,690	35	3,391
Warren.....	181	71	128	100	12,800	40	5,120
Washington.....	138	80	110	200	22,000	35	7,700
Wayne.....	594	91	540	146	78,840	30	23,652
White.....	298	82	244	68	16,592	35	5,807
Whiteside.....	55	*100	55	160	8,800	50	4,400
Will.....	27	*100	27	*108	2,916	*40	1,166
Williamson.....	490	60	291	93	27,342	35	9,570
Winnebago.....	17	*100	17	*108	1,836	*40	734
Woodford.....	83	*100	83	*108	8,964	40	3,586
Total.....	15,671	95	14,949	102	1,524,705	38	\$579,257

\* Estimated.

† Acreage returned by Assessors 1877.



## FLAX SEED.

*Acreage, Yield and Value 1879 Crop.*

COUNTIES.	Acreage 1878 as return- ed by Ass'rs.	Per Cent. of Increase or Decrease.....	Acreage Crop 1879.	Average yield per Acre.	Crop in bushels 1879.	Av. price per Bushel.....	Value 1879 Crop.
Adams.....							
Alexander.....							
Bond.....							
Boone.....	2,870	92	2,640	7	18,487	\$1 25	23,109
Brown.....							
Bureau.....							
Calhoun.....							
Carroll.....	26	+100	26	8½	216	1 18	255
Cass.....							
Champaign.....	3,916	133	5,208	7½	39,060	90	35,154
Christian.....	624	184	1,148	8	9,184	1 25	11,480
Clark.....	28	+100	28	6½	182	1 00	182
Clay.....	1,291	95	1,226	6	7,356	1 03	7,576
Clinton.....	20	+100	20	+8½	166	1 18	196
Coles.....							
Cook.....	11,124	100	11,124	12	133,488	1 43	190,888
Crawford.....							
Cumberland.....	53	+100	53	7½	388	1 10	427
DeKalb.....	7,909	110	8,700	7½	63,800	1 37	87,406
DeWitt.....							
Douglas.....	20	110	22	10	220	1 10	242
DuPage.....	4,709	90	4,238	11	46,618	1 35	62,934
Edgar.....							
Edwards.....							
Effingham.....							
Fayette.....							
Ford.....	14,687	120	17,624	9	158,616	1 20	190,339
Franklin.....							
Fulton.....							
Gallatin.....							
Greene.....							
Grundy.....	515	107	551	9	4,779	1 35	6,452
Hamilton.....	5	+100	5	12	60	1 00	60
Hancock.....							
Hardin.....							
Henderson.....							
Henry.....							
Iroquois.....	19,261	125	24,076	8	192,608	1 20	231,130
Jackson.....							
Jasper.....	56	155	87	6½	580	1 00	580
Jefferson.....	267	75	200	8	1,600	1 00	1,600
Jersey.....							
JoDaviss.....	1,575	110	1,732	8	13,856	1 22	16,904
Johnson.....							
Kane.....	317	95	301	10	3,010	1 35	4,063
Kankakee.....	2,438	115	2,804	10	28,040	1 40	39,256
Kendall.....							
Knox.....							
Lake.....	7,447	98	7,298	10	72,980	1 40	102,172
LaSalle.....	9	+100	9	+8½	75	+1 18	88
Lawrence.....							
Lee.....							
Livingston.....	5,653	150	8,479	10	84,790	1 25	105,987

## FLAX SEED—Continued.

*Acreage, Yield and Value 1879 Crop.*

COUNTIES.	Acreage 1878 as returned by asses- sors.	Per cent. of Increase or Decrease.....	Acreage Crop 1879	Average yield per acre..	Crop in bushels 1879	Av. price per bushel....	Value 1879 Crop.
Logan.....							
Macon.....							
Macoupin.....							
Madison.....							
Marion.....	352	75	264	8	2,112	\$1 12	\$2,365
Marshall.....							
Mason.....							
Massac.....							
McDonough.....							
McHenry.....							
McLean.....	1,042	+100	1,042	+8%	8,683	1 25	10,854
Menard.....							
Mercer.....							
Monroe.....							
Montgomery.....							
Morgan.....							
Moultrie.....	164	130	213	12	2,556	1 10	2,812
Ogle.....	528	90	475	10	4,750	1 10	5,225
Peoria.....							
Perry.....							
Platt.....							
Pike.....							
Pope.....							
Pulaski.....							
Putnam.....							
Randolph.....							
Richland.....	161	103	166	5	830	1 00	830
Rock Island.....	25	100	25	+8%	208	+1 18	245
Saline.....							
Sangamon.....	16	125	20	10	200	+1 18	236
Schuyler.....							
Scott.....							
Shelby.....	78	110	86	+8%	716	1 00	716
Stark.....							
St. Clair.....							
Stephenson.....	2,061	107	2,304	7	16,128	1 25	20,160
Tazewell.....							
Union.....							
Vermilion.....	4,737	110	5,210	10	52,100	1 20	62,520
Wabash.....	47	+100	47	+8%	391	+1 18	461
Warren.....							
Washington.....	15	+100	15	+8%	125	+1 18	46,138
Wayne.....	72	+100	72	7	504	1 45	731
White.....							
Whiteside.....							
Will.....	1,998	125	2,495	8	19,960	1,25	24,950
Williamson.....	3	+100	3	+8%	25	+1 18	30
Winnnebago.....							
Woodford.....							
	96,179	.....	110,016	9 bus	990,447	\$1 30	\$1,296,753

† Estimated.

## HOG PRODUCT, 1879.

COUNTIES.	No. hogs assessed May, 1879.	Per cent. of hogs assessed 1879, marketed 1879.....	No. hogs marketed 1879	Average gross weight hogs marketed 1879.....	Total gross weight hogs mar- keted 1879.	Average value per 100 lbs. live weight.....	Value hog product marketed 1879	Supply hogs on hand Dec. 20, 1879, compared with same date, 1878..
Adams.....	49,684	62	30,804	279	8,594,316	\$3 60	\$309,395	90
Alexander.....	5,916	65	3,845	168	645,960	3 15	20,347	86
Bond.....	10,676	60	6,406	237	1,518,222	3 35	50,860	90
Boone.....	14,123	80	11,298	275	3,106,950	3 30	102,529	70
Brown.....	18,171	76	13,810	275	3,797,750	3 75	142,415	90
Bureau.....	82,401	65	53,561	265	14,193,665	3 15	447,100	86
Calhoun.....	9,431	65	6,130	218	1,336,340	3 25	43,431	80
Carroll.....	31,543	65	20,503	300	6,150,900	3 25	199,904	75
Cass.....	10,894	80	8,715	235	2,048,025	3 25	66,560	66
Champaign.....	49,916	63	31,447	222	6,981,234	3 25	226,889	60
Christian.....	40,744	61	24,854	232	5,776,128	3 35	193,165	80
Clark.....	21,237	63	13,379	226	3,023,654	3 60	108,851	68
Clay.....	14,255	65	9,266	245	2,270,170	3 20	72,645	100
Clinton.....	10,776	75	8,082	227	1,834,614	3 30	60,542	75
Coles.....	32,035	75	24,026	255	6,126,630	3 25	199,115	55
Cook.....	20,180	80	16,144	245	3,955,280	3 50	138,434	68
Crawford.....	16,280	64	10,419	235	2,344,275	3 35	78,533	85
Cumberland.....	11,423	30	3,427	248	849,896	3 40	28,896	90
DeKalb.....	37,160	80	29,728	331	9,839,968	3 45	339,478	80
De Witt.....	23,207	76	17,637	237	4,179,969	3 10	129,579	110
Douglas.....	22,363	70	15,654	261	4,085,694	3 50	142,999	92
DuPage.....	12,452	80	9,962	185	1,842,970	3 45	63,582	74
Edgar.....	32,466	66	21,428	250	5,357,000	3 50	187,495	83
Edwards.....	13,435	75	10,076	235	2,367,860	3 50	82,875	75
Effingham.....	10,559	50	5,279	235	1,240,565	3 50	43,419	93
Fayette.....	22,488	63	14,167	250	3,541,750	3 30	116,877	103
Ford.....	17,646	79	13,940	247	3,443,180	3 30	113,624	82
Franklin.....	12,963	70	9,074	240	2,177,760	3 10	67,510	93
Fulton.....	58,167	80	46,534	272	12,657,248	3 30	417,689	80
Gallatin.....	12,756	60	7,654	167	1,278,218	3 05	38,985	72
Greene.....	23,126	50	11,563	260	3,006,380	3 25	97,707	66
Grundy.....	20,968	70	14,678	270	3,963,060	3 35	132,762	80
Hamilton.....	11,946	40	4,778	232	1,108,496	3 35	37,134	60
Hancock.....	49,161	60	29,497	225	6,636,825	3 40	225,652	75
Hardin.....	8,879	35	3,108	175	543,900	3 25	17,676	55
Henderson.....	23,705	77	18,253	250	4,563,250	3 00	136,897	30
Henry.....	81,726	60	49,036	255	12,504,180	3 10	387,629	75
Iroquois.....	50,868	76	38,660	235	9,085,100	3 00	272,853	90
Jackson.....	15,355	66	10,134	208	2,107,872	3 50	73,775	100
Jasper.....	12,012	77	9,249	250	2,312,250	3 55	82,084	100
Jefferson.....	16,826	63	10,600	225	2,385,000	3 25	77,512	90
Jersey.....	18,363	64	11,752	260	3,055,520	3 60	109,998	80
JoDaviess.....	36,124	80	28,899	300	8,669,700	3 20	277,430	60
Johnson.....	10,539	75	7,604	240	1,896,960	3 50	66,393	105
Kane.....	23,378	80	18,702	260	4,862,520	3 30	160,463	90
Kankakee.....	13,477	65	8,760	250	2,190,000	3 40	74,460	70
Kendall.....	22,997	60	13,798	260	3,587,480	3 25	116,593	62
Knox.....	55,344	90	49,810	285	14,195,850	3 40	482,658	75
Lake.....	12,833	80	10,266	270	2,771,820	3 20	88,698	65
LaSalle.....	67,365	75	50,524	280	14,146,720	3 25	459,768	60
Lawrence.....	14,528	70	10,170	240	2,440,800	2 75	67,122	83
Lee.....	34,286	60	20,572	237	4,875,564	3 10	151,142	70
Livingston.....	77,480	70	54,236	267	14,481,012	3 50	506,835	46



## HOG PRODUCT, 1879—Continued.

COUNTIES.	No. hogs assessed May, 1879.	Per cent. hogs assessed 1879, marketed 1879....	No. hogs marketed 1879	Average gross weight hogs marketed 1879....	Total gross weight hogs mar- keted 1879.	Average value per 100 lbs., live weight.....	Value hog product marketed 1879	Supply hogs on hand Dec. 20, 1879, compared with same date, 1878..
Logan .....	40,041	73	29,230	274	8,009,020	\$3 35	\$268,302	68
Macon .....	37,827	75	28,370	245	6,950,650	3 25	225,896	66
Macoupin .....	45,297	80	36,238	236	8,552,168	3 25	277,945	91
Madison .....	32,102	62	19,903	213	4,239,339	3 50	148,376	105
Marion .....	17,542	75	13,156	180	2,368,080	3 25	76,962	120
Marshall .....	30,688	62	19,026	286	5,441,436	3 55	193,170	87
Mason .....	13,670	65	8,885	246	2,185,710	3 15	68,849	50
Massac .....	9,408	77	7,344	225	1,629,900	4 15	67,640	87
McDonough .....	49,339	57	28,123	250	7,030,750	3 25	228,499	50
McHenry .....	23,311	80	18,649	256	4,774,144	3 15	150,385	78
McLean .....	86,711	77	66,767	251	16,758,517	3 25	544,651	97
Menard .....	16,246	70	11,372	237	2,695,164	3 25	87,592	83
Mercer .....	49,904	62	30,940	281	8,694,140	3 40	295,600	50
Monroe .....	10,216	60	6,130	182	1,115,660	3 50	39,048	82
Montgomery .....	30,417	60	18,250	250	4,562,500	3 00	136,875	85
Morgan .....	10,787	72	7,767	225	1,747,575	3 55	62,038	90
Moultrie .....	18,764	70	13,135	208	2,732,080	3 35	91,524	97
Ogle .....	45,168	65	29,359	275	8,073,725	3 35	270,469	85
Peoria .....	40,232	82	32,990	321	10,589,790	3 55	375,937	38
Perry .....	7,035	53	3,728	237	883,536	3 30	29,157	120
Piatt .....	23,677	76	17,994	233	4,192,602	3 10	129,970	82
Pike .....	43,662	66	28,817	250	7,204,250	3 00	216,129	65
Pope .....	16,455	70	11,539	225	2,596,275	3 15	81,783	90
Pulaski .....	4,122	70	2,885	165	476,025	3 75	17,850	.....
Putnam .....	12,430	70	8,701	310	2,697,310	3 45	93,057	46
Randolph .....	16,944	70	11,861	225	2,668,725	3 15	84,064	110
Richland .....	10,262	72	7,389	243	1,795,527	3 60	64,638	75
Rock Island .....	29,559	70	20,691	263	5,441,733	3 25	176,855	58
Saline .....	15,165	82	12,435	250	3,108,750	2 75	85,489	110
Sangamon .....	55,672	98	54,558	225	12,275,550	3 25	398,953	76
Schuyler .....	26,165	62	16,222	258	4,185,276	3 15	131,836	82
Scott .....	15,631	70	10,942	250	2,735,500	3 40	93,007	67
Shelby .....	37,839	95	35,947	238	8,555,386	3 35	286,605	112
Stark .....	30,092	80	24,074	298	7,174,052	3 25	233,155	58
St. Clair .....	14,703	70	10,292	292	3,005,264	3 40	102,177	112
Stephenson .....	45,159	65	29,353	258	7,573,074	3 25	246,126	71
Tazewell .....	36,710	63	23,127	264	6,105,528	3 50	213,693	75
Union .....	15,956	70	11,169	250	2,792,250	2 75	76,786	100
Vermilion .....	47,825	75	35,869	235	8,429,215	3 40	286,593	90
Wabash .....	7,533	70	5,273	229	1,207,517	3 00	36,225	59
Warren .....	40,811	86	35,097	208	7,300,176	3 25	237,256	71
Washington .....	9,018	60	5,411	250	1,352,750	4 00	54,108	110
Wayne .....	22,997	69	15,868	238	3,776,584	3 45	130,293	95
White .....	23,087	75	17,315	225	3,895,875	3 65	142,200	66
Whiteside .....	45,521	70	31,865	310	9,878,150	3 00	296,343	75
Will .....	30,310	80	24,248	263	6,377,224	3 50	223,202	67
Williamson .....	17,858	70	12,501	200	2,500,200	2 80	70,006	87
Winnebago .....	23,145	77	17,822	272	4,847,584	3 35	162,394	71
Woodford .....	39,375	85	33,469	270	9,036,630	3 25	293,689	50
Total .....	2,799,051	70	1,984,194	254	504,165,316	\$3 30	\$16,640,061	.....

† Estimated.

## BEEF CATTLE.

COUNTIES.	No. cattle assessed May, 1879.	Per ct. of cattle assessed 1879, marketed 1879, ....	No. cattle marketed 1879	Average gross weight cattle marketed 1879.	Total gross weight cattle mar- keted 1879.	Average value per cwt., live weight.....	To'tl value cattle marketed 1879	Supply cattle on hand Dec. 20, 1879, compared with same date, 1878 ..
Adams.....	24,544	10	2,454	1,050	2,576,700	\$3 25	\$83,742	100
Alexander.....	2,242	10	224	1,090	244,160	2 40	5,859	86
Bond.....	9,572	15	1,436	1,075	1,543,700	3 05	47,082	95
Boone.....	18,556	15	2,783	1,135	3,158,705	3 00	94,761	92
Brown.....	8,403	25	2,101	1,066	2,239,666	3 85	86,227	90
Bureau.....	36,802	21	7,728	1,100	8,500,800	3 35	284,776	95
Calhoun.....	4,295	15	644	850	547,400	2 50	13,685	100
Carroll.....	26,850	10	2,685	1,200	3,222,000	4 00	128,880	90
Cass.....	10,296	50	5,148	1,280	6,589,440	4 00	263,577	90
Champaign.....	25,858	15	3,879	900	3,491,100	3 50	122,188	92
Christian.....	22,750	25	5,688	1,200	6,825,600	3 65	249,134	105
Clark.....	10,921	10	1,092	1,065	1,162,980	3 50	40,704	90
Clay.....	10,063	15	1,509	950	1,433,550	2 65	37,989	90
Clinton.....	7,579	25	1,895	1,300	2,463,500	2 80	68,978	107
Coles.....	19,360	+20	3,872	1,200	4,646,400	3 60	167,270	65
Cook.....	40,040	15	6,006	1,090	6,546,540	3 50	229,128	90
Crawford.....	7,226	30	2,168	962	2,085,616	3 00	62,568	97
Cumberland.....	6,975	35	2,441	1,000	2,441,000	3 10	75,671	75
DeKalb.....	43,133	17	7,333	1,225	8,982,925	3 50	314,402	100
DeWitt.....	13,141	7	920	1,350	1,242,000	3 25	40,365	112
Douglas.....	15,541	20	3,108	1,350	4,195,800	4 00	167,832	100
DuPage.....	20,660	19	3,925	1,060	4,160,500	3 50	145,617	78
Edgar.....	27,323	38	10,383	1,200	12,459,600	3 35	417,396	95
Edwards.....	7,111	+20	1,422	1,066	1,515,852	2 50	37,896	110
Effingham.....	9,863	18	1,775	1,066	1,892,150	2 50	47,303	78
Fayette.....	15,825	20	3,165	1,150	3,639,750	3 00	109,192	103
Ford.....	7,347	20	1,469	1,000	1,469,000	3 20	47,008	85
Franklin.....	4,467	+20	893	1,000	893,000	2 25	20,092	100
Fulton.....	35,078	30	10,523	1,200	12,627,600	3 50	441,966	86
Gallatin.....	5,122	12	615	730	448,950	2 30	10,325	95
Greene.....	18,839	18	3,391	1,300	4,408,300	3 75	165,311	75
Grundy.....	17,595	17	2,991	1,100	3,290,100	3 10	101,993	85
Hamilton.....	6,996	17	1,189	850	1,010,650	2 50	25,267	50
Hancock.....	30,400	19	5,776	1,175	6,786,800	3 50	237,538	93
Hardin.....	2,132	10	213	800	170,400	2 25	3,834	100
Henderson.....	13,836	+20	2,767	1,325	3,666,275	3 80	139,319	97
Henry.....	40,235	21	8,449	1,250	10,561,250	3 00	316,839	90
Iroquois.....	29,748	20	5,950	1,250	7,437,500	3 50	260,312	95
Jackson.....	6,552	15	983	650	638,950	2 25	14,375	100
Jasper.....	9,481	15	1,422	865	1,230,030	2 40	29,520	100
Jefferson.....	10,117	15	1,518	800	1,214,400	2 75	33,396	112
Jersey.....	7,940	18	1,429	1,075	1,536,175	3 25	49,926	94
JoDaviss.....	31,709	22	6,976	1,225	8,545,600	3 45	294,823	100
Johnson.....	3,769	10	376	600	225,600	2 00	4,512	100
Kane.....	44,092	17	7,196	1,166	8,390,536	3 90	327,229	100
Kankakee.....	16,469	20	3,294	1,250	4,117,500	4 00	164,700	75
Kendall.....	19,658	17	3,342	1,166	3,896,772	3 50	136,388	86
Knox.....	35,670	15	5,350	1,285	6,874,750	3 95	271,550	90
Lake.....	21,177	15	3,177	950	3,018,150	3 30	99,597	83
La Salle.....	50,734	25	12,683	1,137	14,420,571	3 45	497,511	100
Lawrence.....	7,872	72	5,668	900	5,101,200	3 10	158,137	100
Lee.....	31,449	20	6,290	950	5,975,500	3 35	200,179	82
Livingston.....	29,286	25	7,321	1,200	8,785,200	2 75	241,593	100

## BEEF CATTLE—Continued.

COUNTIES.	No. cattle assessed May, 1879.	Per cent. cattle assessed 1879, marketed 1879...	No. cattle marketed 1879	Average gross weight cattle marketed 1879..	Total gross weight cattle mar- keted 1879.	Average value per cwt., live weight.....	Tot'l value cattle marketed 1879	Supply cattle on hand Dec. 20, 1879, compar'd with same date, 1878..
Logan.....	18,052	30	5,416	1,342	7,268,272	\$3 15	\$228,951	81
Macon.....	17,315	10	1,731	1,166	2,018,346	3 60	72,659	82
Macoupin.....	31,070	75	23,302	1,137	26,494,374	3 90	1,033,281	92
Madison.....	12,404	15	1,861	966	1,797,726	2 85	51,234	95
Marion.....	13,726	45	6,177	1,100	6,794,700	2 25	152,880	117
Marshall.....	14,564	20	2,913	1,200	3,495,600	3 50	122,346	92
Mason.....	6,444	10	644	1,050	676,200	3 10	20,962	110
Massac.....	3,278	10	327	1,090	356,430	3 75	13,365	70
McDonough.....	24,828	20	4,966	1,400	6,952,400	4 00	278,096	50
McHenry.....	39,519	15	5,928	938	5,500,464	3 15	175,156	73
McLean.....	45,610	32	14,595	1,316	19,207,020	3 75	720,262	90
Menard.....	11,314	50	5,657	1,300	7,354,100	3 65	268,425	88
Mercer.....	28,804	30	8,641	1,300	11,233,300	3 65	410,015	102
Monroe.....	3,632	10	363	850	308,550	3 80	11,723	112
Montgomery.....	18,633	50	9,316	1,000	9,316,000	3 25	302,770	75
Morgan.....	13,187	64	8,440	1,300	10,972,000	4 00	438,880	78
Moultrie.....	10,413	26	2,707	1,400	3,739,800	3 50	132,643	80
Ogle.....	45,749	10	4,574	1,066	4,875,884	3 15	153,591	104
Peoria.....	29,874	15	4,481	1,200	5,377,200	4 55	246,662	88
Perry.....	5,581	21	1,172	775	908,300	2 25	20,436	100
Piatt.....	12,681	35	4,438	1,166	5,174,703	3 10	160,416	90
Pike.....	21,335	21	4,480	1,281	5,738,880	3 80	218,078	72
Pope.....	5,834	10	583	850	495,550	2 75	13,626	100
Pulaski.....	2,719	17	462	950	438,900	2 75	12,070	96
Putnam.....	6,766	40	2,706	1,200	3,247,200	3 40	110,405	90
Randolph.....	9,336	120	1,877	800	1,501,600	3 35	50,303	97
Richland.....	8,852	15	1,323	916	1,216,448	2 30	27,977	92
Rock Island.....	19,959	25	4,990	1,150	5,738,500	3 90	223,801	95
Saline.....	4,777	20	955	700	658,500	2 00	13,370	105
Sangamon.....	43,719	20	8,743	1,325	11,584,475	3 85	446,003	105
Schuyler.....	15,879	21	3,335	1,208	4,028,680	3 95	159,134	90
Scott.....	6,992	25	1,748	1,270	2,219,960	3 50	77,696	60
Shelby.....	23,274	20	4,655	1,233	5,739,615	3 60	205,625	106
Stark.....	13,311	15	1,997	1,225	2,446,325	3 75	91,736	92
St. Clair.....	8,177	10	817	950	776,150	3 25	25,223	90
Stephenson.....	23,965	13	3,765	1,066	4,013,490	2 95	118,398	96
Tazewell.....	21,547	20	4,309	1,133	4,882,097	3 60	175,755	103
Union.....	5,600	120	1,120	1,090	1,220,800	3 25	39,676	.....
Vermilion.....	32,508	20	6,502	1,333	8,667,166	3 65	316,353	70
Wabash.....	4,738	10	473	870	411,510	2 80	11,522	104
Warren.....	21,933	17	3,729	1,325	4,940,925	4 05	200,106	103
Washington.....	9,200	17	1,564	800	1,251,200	4 00	50,048	100
Wayne.....	16,472	15	2,471	933	2,305,443	2 50	57,635	100
White.....	9,254	20	1,851	975	1,804,725	2 80	50,531	74
Whiteside.....	36,245	40	14,498	1,300	18,847,400	4 35	819,862	110
Will.....	43,376	20	8,675	1,125	9,759,375	3 50	341,579	98
Williamson.....	5,499	21	1,155	725	837,375	2 35	19,679	100
Winnebago.....	28,035	10	2,803	1,097	3,074,891	3 25	99,934	151
Woodford.....	18,536	20	3,707	1,116	4,137,012	3 00	124,110	83
	1,862,265	22	409,982	1,162	476,473,759	\$3 50	\$16,751,450	.....

† Estimated.



## FAT SHEEP.

COUNTIES.	No. sheep assessed May, 1879	Per cent. sheep assessed 1879, marketed 1879....	No. Sheep marketed 1879	Average gross weight sheep marketed 1879...	Total gross sheep mar- keted 1879.	Average value per cwt., live weight.....	To't value sheep mar- keted 1879.	Supply sheep on hand Dec. 20, 1879, compared with same date 1878....
Adams. ....	13,301	20	2,660	90	239,400	\$3 10	\$7,421	96
Alexander.....	975	10	97	82	7,954	3 50	276	80
Bond.....	7,775	22	1,710	92	157,320	3 60	4,090	106
Boone.....	16,039	16	2,566	92	236,072	3 00	7,083	87
Brown.....	4,920	25	1,230	103	126,690	3 65	4,624	108
Bureau.....	6,708	25	1,677	1100	167,700	3 00	5,031	100
Calhoun.....	838	25	209	1100	20,900	12 95	616	.....
Carroll. ....	3,848	10	385	130	50,050	3 00	1,500	100
Cass.....	1,455	10	145	130	14,935	3 65	544	100
Champaign .....	8,253	15	1,238	105	129,990	3 50	4,550	100
Christian.....	7,843	24	1,882	100	188,200	3 00	5,646	100
Clark.....	8,779	18	1,580	100	158,000	3 75	4,345	82
Clay.....	9,475	40	3,790	95	360,050	2 40	8,640	105
Clinton.....	6,100	25	1,525	80	122,000	2 85	3,477	95
Coles.....	7,916	30	2,375	97	230,375	2 60	5,990	80
Cook.....	6,030	10	603	100	60,300	3 25	1,960	110
Crawford.....	9,483	20	1,897	100	189,700	3 10	5,881	100
Cumberland.....	5,032	17	855	85	72,675	2 50	1,817	105
DeKalb.....	12,045	10	1,204	110	132,440	3 25	4,303	95
DeWitt.....	10,868	05	543	112	60,816	3 00	1,824	107
Douglas.....	5,486	120	1,097	95	104,215	3 25	3,386	100
DuPage.....	11,134	21	2,333	100	233,800	3 50	8,183	66
Edgar.....	12,771	22	2,810	110	303,100	3 00	9,273	85
Edwards.....	9,360	120	1,872	100	187,200	2 60	4,867	75
Effingham.....	4,638	25	1,159	82	95,038	2 60	2,470	72
Fayette.....	13,158	20	2,632	94	247,408	2 50	6,185	95
Ford.....	1,150	120	230	1100	23,000	12 95	678	.....
Franklin.....	4,637	120	927	85	78,795	2 35	1,852	80
Fulton.....	17,146	22	3,772	100	377,200	2 95	11,127	95
Gallatin.....	2,677	12	321	75	24,075	2 50	1,602	90
Greene.....	10,026	12	1,203	104	125,112	3 15	3,940	80
Grundy.....	2,549	15	382	110	42,020	2 50	1,470	95
Hamilton.....	6,963	15	1,044	95	99,180	2 00	1,983	55
Hancock.....	4,095	50	2,047	1100	204,700	12 95	6,039	.....
Hardin.....	2,073	10	207	70	14,490	2 00	290	100
Henderson.....	1,945	20	389	90	35,010	3 00	1,050	100
Henry.....	4,789	11	527	1100	52,700	12 95	1,555	.....
Iroquois.....	4,474	120	895	85	76,075	4 00	3,044	100
Jackson.....	3,135	22	690	100	69,000	2 50	1,725	100
Jasper.....	6,444	17	1,095	110	120,450	1 75	2,107	90
Jefferson.....	9,122	07	638	100	63,800	2 50	1,595	105
Jersey.....	6,196	25	1,549	103	159,547	3 15	6,024	100
JoDavless .....	8,443	120	1,688	90	151,920	2 75	4,177	96
Johnson.....	3,052	20	610	150	91,500	1 25	1,144	100
Kane.....	12,372	18	2,227	110	244,970	3 35	8,207	100
Kankakee.....	2,182	05	109	1100	10,900	12 95	321	.....
Kendall.....	8,790	32	2,813	125	351,625	3 65	12,833	83
Knox.....	10,819	26	2,813	96	270,048	3 25	8,775	96
Lake.....	86,519	23	19,899	90	1,790,910	3 00	53,727	70
LaSalle.....	12,845	15	1,927	115	221,605	3 50	7,756	90
Lawrence.....	5,688	120	1,138	140	156,320	3 00	4,779	87
Lee.....	7,243	11	797	98	78,106	3 80	2,968	95
Livingston.....	3,456	10	345	100	34,500	4 00	1,380	133

## FAT SHEEP—Continued.

COUNTIES.	No. sheep assessed May, 1879.	Per cent. sheep assessed 1879, marketed 1879.....	No. sheep marketed 1879	Average gross weight sheep marketed 1879..	Total gross weight sheep mar- keted 1879.	Average value per cwt., live weight.....	Tot'l value sheep marketed 1879	Supply sheep on hand Dec. 20, 1879, compared with same date, 1878...
Logan.....	4,856	+20	971	105	101,955	\$3 05	\$3,108	87
Macon.....	7,037	17	1,196	115	137,540	3 25	4,469	106
Macoupin.....	19,765	+20	3,953	70	276,710	3 00	8,301	97
Madison.....	7,984	40	3,194	92	293,848	2 75	8,079	95
Marion.....	11,500	65	7,475	107	799,825	2 00	15,996	100
Marshall.....	5,074	20	1,015	85	86,275	3 00	2,589	96
Mason.....	443	+20	89	105	9,345	3 00	279	75
Massac.....	1,397	10	140	+100	14,000	+2 95	413	.....
McDonough.....	6,896	20	1,379	120	165,480	3 00	4,965	80
McHenry.....	44,968	21	9,443	96	906,528	3 75	33,994	110
McLean.....	19,894	15	2,984	89	265,576	3 35	8,898	105
Menard.....	5,713	15	857	100	85,700	3 65	3,128	93
Mercer.....	4,937	20	987	102	100,674	3 35	3,373	105
Monroe.....	1,323	20	265	100	26,500	3 00	795	125
Montgomery.....	10,674	25	2,568	100	266,800	2 75	7,337	100
Morgan.....	6,178	25	1,544	+100	154,400	+2 95	4,555	.....
Moultrie.....	4,451	18	801	107	85,707	2 75	2,337	100
Ogle.....	9,129	12	1,095	90	98,550	3 50	3,447	100
Peoria.....	5,900	23	1,357	137	185,909	3 60	6,692	105
Perry.....	2,852	27	770	80	61,600	2 10	1,294	96
Platt.....	3,495	20	699	90	62,810	3 00	1,884	90
Pike.....	11,557	16	1,849	100	184,900	3 00	5,547	106
Pope.....	7,107	10	711	100	71,100	4 00	2,844	100
Pulaski.....	1,072	21	225	105	23,625	2 50	590	85
Putnam.....	1,740	20	348	110	38,280	3 00	1,149	90
Randolph.....	6,903	20	1,381	110	151,910	3 50	5,316	100
Richland.....	6,362	20	1,272	90	114,480	2 25	2,576	90
Rock Island.....	2,185	12	262	90	23,580	3 10	732	62
Saline.....	6,145	10	614	80	49,120	2 00	982	75
Sangamon.....	17,032	20	3,406	107	364,442	3 15	11,479	107
Schuyler.....	6,156	15	923	111	102,453	2 85	2,918	95
Scott.....	5,647	25	1,412	72	101,664	3 10	3,153	70
Shelby.....	14,935	25	3,734	90	336,060	3 10	10,419	107
Stark.....	6,319	15	948	120	113,760	3 25	3,698	100
St. Clair.....	4,240	12	509	87	44,283	2 40	1,063	98
Stephenson.....	8,572	21	1,800	125	225,000	3 45	7,762	92
Tazewell.....	8,548	25	2,137	110	235,070	3 25	7,641	100
Union.....	3,657	+20	731	+100	73,100	+2 95	2,156	.....
Vermillion.....	22,783	29	6,607	96	631,272	3 10	19,663	93
Wabash.....	3,729	42	1,566	120	187,920	2 20	4,134	50
Warren.....	5,273	12	633	107	67,731	3 25	2,200	92
Washington.....	4,562	25	1,140	100	114,000	3 00	3,420	100
Wayne.....	10,960	16	1,754	85	149,090	2 25	3,355	87
White.....	6,058	19	1,151	103	118,553	2 15	2,548	72
Whiteside.....	6,223	10	622	125	77,750	3 00	2,331	100
Will.....	6,849	15	1,027	100	102,700	3 65	3,748	90
Williamson.....	7,527	10	753	90	67,770	2 00	1,356	72
Winnebago.....	12,933	15	1,940	95	184,300	3 25	5,990	100
Woodford.....	3,441	50	1,720	90	154,800	3 25	5,031	80
	846,101	20	174,448	98	17,170,331	\$2 98	\$513,884	.....

† Estimated.

## HOG CHOLERA, 1879.

COUNTIES.	No. hogs assessed in 1879.	Per cent. of hogs died in 1879.	No. hogs lost by disease in 1879.	AV. weight dead hogs...	Loss by disease in 1879 in pounds.	Average value per 100 pounds .....	Amt. of loss in 1879	Amount of loss in 1878	Amount of loss in 1877	Amount of loss in 1876
Adams.....	49,684	04	1,987	121	240,427	\$3 60	\$8,654	\$78,321	\$34,755	\$59,910
Alexander.....	5,916	11	651	60	39,060	3 15	1,232	1,088	1,635	185
Bond.....	10,676	17	1,815	75	136,125	3 35	4,559	7,173	12,847	7,726
Boone.....	14,123	05	706	200	141,200	3 30	4,660	3,903	4,763	.....
Brown.....	18,171	06	1,090	85	92,650	3 75	3,472	7,165	6,195	7,141
Bureau.....	82,401	09	7,416	105	778,680	3 15	24,529	1,837	3,062	1,756
Calhoun.....	9,431	.....	.....	.....	.....	.....	.....	.....	2,827	6,835
Carroll.....	31,543	25	7,886	100	788,600	3 25	25,629	40,484	62,191	7,867
Cass.....	10,894	10	1,089	62	67,518	3 25	2,194	6,080	6,000	21,859
Champaign.....	49,916	02	998	125	124,750	3 25	4,053	15,591	24,231	50,684
Christian.....	40,744	06	2,445	70	171,150	3 35	5,732	28,208	29,820	26,203
Clark.....	21,237	20	4,247	55	233,585	3 60	8,410	10,438	12,073	14,151
Clay.....	14,255	05	713	50	35,650	3 20	1,139	1,615	1,464	5,439
Clinton.....	10,776	04	431	70	30,170	3 30	997	4,806	9,572	7,305
Coles.....	32,035	08	2,563	125	320,375	3 25	10,413	10,519	4,713	51,706
Cook.....	20,180	05	1,009	30	30,270	3 50	1,060	.....	.....	.....
Crawford.....	16,280	08	1,302	75	97,650	3 35	3,270	5,727	27,252	.....
Cumberland.....	11,423	05	571	75	42,825	3 40	1,455	2,121	5,900	14,125
DeKalb.....	37,160	07	2,601	75	195,075	3 45	6,731	29,180	27,394	2,979
DeWitt.....	23,207	30	6,962	60	417,720	3 10	12,949	18,109	15,676	50,229
Douglas.....	22,363	05	1,118	155	173,290	3 50	6,065	22,768	.....	19,889
DuPage.....	12,452	05	623	100	62,300	3 45	2,149	.....	822	.....
Edgar.....	32,466	02	649	100	64,900	3 50	2,271	12,296	10,665	17,865
Edwards.....	13,435	04	537	60	32,220	3 50	1,127	866	5,450	1,107
Effingham.....	10,559	.....	.....	.....	.....	.....	.....	6,797	22,534	4,893
Fayette.....	22,488	12	2,698	100	269,800	3 30	8,903	6,241	49,720	.....
Ford.....	17,646	05	882	90	79,380	3 30	2,620	6,939	6,758	2,932
Franklin.....	12,963	10	1,296	70	90,720	3 10	2,812	4,115	9,689	3,714
Fulton.....	58,167	02	1,163	100	116,300	3 30	3,838	52,524	35,944	122,951
Gallatin.....	12,756	05	638	70	44,660	3 05	1,363	911	7,176	4,617
Greene.....	23,126	09	2,081	68	141,508	3 25	4,599	7,108	15,303	23,458
Grundy.....	20,968	04	839	100	83,900	3 35	2,811	2,787	3,514	.....
Hamilton.....	11,946	12	1,433	150	214,950	3 35	7,199	1,428	2,950	2,289
Hancock.....	49,161	05	2,458	120	294,960	3 40	10,030	34,673	24,890	26,703
Hardin.....	8,879	01	89	150	13,350	3 25	432	1,140	12,585	1,908
Henderson.....	23,705	08	1,896	50	94,800	3 00	2,844	23,753	13,560	34,523
Henry.....	81,726	07	5,721	120	686,520	3 10	21,281	24,399	32,978	19,350
Iroquois.....	50,868	02	1,017	107	108,819	3 00	3,264	22,602	5,763	7,714
Jackson.....	15,355	.....	.....	.....	.....	.....	.....	.....	12,387	2,829
Jasper.....	12,012	21	2,522	57	143,754	3 55	5,101	4,446	8,676	2,964
Jefferson.....	16,826	10	1,683	100	168,300	3 25	5,470	5,031	13,017	5,308
Jersey.....	18,363	02	367	40	14,680	3 60	529	3,410	2,278	6,433
JoDavies.....	36,124	05	1,806	150	270,900	3 20	8,669	12,492	5,344	1,043
Johnson.....	10,589	.....	.....	.....	.....	.....	.....	2,298	3,830	1,301
Kane.....	23,378	10	2,338	185	432,530	3 30	14,272	7,123	15,030	3,603
Kankakee.....	13,477	.....	.....	.....	.....	.....	.....	2,957	1,962	638
Kendall.....	22,997	15	3,449	112	386,288	3 25	12,555	26,640	29,061	9,836
Knox.....	55,344	07	3,874	108	418,392	3 40	14,226	43,842	20,390	61,232
Lake.....	12,833	.....	.....	.....	.....	.....	.....	.....	16,426	.....
LaSalle.....	67,365	05	3,368	175	589,400	3 25	19,155	99,389	33,962	4,806
Lawrence.....	14,528	15	2,179	55	119,845	2 75	3,294	5,457	10,867	8,657
Lee.....	34,286	06	2,057	77	158,389	3 10	4,910	38,278	.....	.....
Livingston.....	77,480	02	1,550	75	116,250	3 50	4,067	.....	14,609	.....



## HOG CHOLERA, 1879—Continued.

COUNTIES.	No. hogs assessed in 1879.	Per cent. of hogs died in 1879.	No. hogs lost by disease in 1879.	Av. weight dead hogs..	Loss by disease in 1879, in pounds.	Average value per 100 pounds.	Amt. of loss in 1879	Amount of loss in 1878	Amount of loss in 1877	Amount of loss in 1876
Logan .....	40,041	06	2,402	80	192,160	\$3 35	\$6,439	\$9,725	\$17,952	\$98,782
Macon .....	37,827	04	1,513	125	189,125	3 25	6,146	33,305	21,640	17,900
Macoupin .....	45,297	02	906	77	69,762	3 25	2,268	4,009	11,547	6,715
Madison .....	32,102	05	1,605	75	120,375	3 50	4,214	19,173	16,621	7,552
Marion .....	17,542	05	877	100	87,700	3 25	2,850	3,767	2,321	9,618
Marshall .....	30,688	02	614	92	56,488	3 55	2,006	1,323	15,975	11,700
Mason .....	13,670							5,438	24,140	1,749
Massac .....	9,408	15	1,411	50	70,550	4 15	2,926	3,971	2,529	
McDonough .....	49,339	03	1,480	100	148,000	3 25	4,810	23,260	17,478	36,127
McHenry .....	23,311	02	466	90	41,940	3 15	1,320	3,756	2,174	3,903
McLean .....	86,711	07	6,070	172	1,044,040	3 25	33,930	71,634	24,347	27,436
Menard .....	16,246	04	650	76	49,400	3 25	1,605	11,469	27,120	30,963
Mercer .....	49,904	11	5,489	150	823,350	3 40	27,992	85,166	31,038	25,701
Monroe .....	10,216							6,393	3,175	
Montgomery .....	30,417	25	7,604	80	608,320	3 00	18,249	12,836	23,090	11,171
Morgan .....	10,787	06	647	60	38,820	3 55	1,377	8,486	26,597	44,232
Moultrie .....	18,764	05	938	63	59,094	3 35	1,980	10,735	4,050	9,216
Ogle .....	45,168	02	903	100	90,300	3 35	3,025	33,227	104,468	8,818
Peoria .....	40,232	03	1,207	90	108,630	3 55	3,855	66,792	9,150	41,736
Perry .....	7,035	10	703	67	47,101	3 30	1,554	1,152	5,972	2,487
Piatt .....	23,677	04	947	88	83,336	3 10	2,582	9,924	38,372	45,246
Pike .....	43,662	06	2,620	92	241,040	3 00	7,230	20,928	21,933	48,012
Pope .....	16,485							1,913	5,331	4,547
Pulaski .....	4,122							260	4,183	
Putnam .....	12,430	03	373	75	27,975	3 45	966	1,235	2,949	2,479
Randolph .....	16,944	10	1,694	120	203,280	3 15	6,404	7,345	14,292	10,490
Richland .....	10,262	20	2,052	75	153,900	3 60	5,540	651	4,721	1,753
Rock Island .....	29,559	07	2,069	102	211,038	3 25	6,857	7,630	16,662	12,083
Saline .....	15,165	10	1,516	40	60,640	2 75	1,666	1,785	1,083	6,348
Sangamon .....	55,672	12	6,631	70	467,670	3 25	15,200	22,829	18,480	69,962
Schuyler .....	26,165	06	1,570	143	224,510	3 15	7,072	11,837	6,646	50,380
Scott .....	15,631	15	2,345	100	234,500	3 40	7,973	2,075	13,435	8,508
Shelby .....	37,839	04	1,513	122	184,586	3 35	6,184	13,365	12,217	34,161
Stark .....	30,092	10	3,009	115	346,035	3 25	11,245	17,744	52,670	27,308
St. Clair .....	14,703								14,720	5,710
Stephenson .....	45,159	10	4,516	112	505,792	3 25	16,438	15,402	19,993	7,658
Tazewell .....	36,710	06	2,203	100	220,300	3 50	7,710	15,710	47,815	32,532
Union .....	15,956									
Vermilion .....	47,825	04	1,913	90	172,170	3 40	5,855	11,046	45,973	27,888
Wabash .....	7,533	07	527	67	35,309	3 00	1,059	1,140	3,641	8,872
Warren .....	40,811	08	3,265	70	228,550	3 25	7,426	30,838	22,327	11,586
Washington .....	9,018	02	180	100	18,000	4 00	720	9,903	7,361	2,269
Wayne .....	22,997	05	1,156	150	172,500	3 45	5,951	1,225	3,665	3,146
White .....	23,087	13	3,001	72	216,072	3 65	7,888	6,905	16,692	8,022
Whiteside .....	45,521	07	3,186	125	398,250	3 00	11,946	3,416	24,067	6,932
Will .....	30,310									
Williamson .....	17,858	05	893	87	77,691	2 80	2,176	7,724	9,260	5,409
Winnebago .....	23,145	03	694	116	80,504	3 35	2,697	19,672	1,313	
Woodford .....	39,375	06	2,362	80	188,960	3 25	6,162	23,595	21,744	
Total .....	2,799,051	06	182,577	98	17,972,348	\$3 25	\$588,487	\$1,438,589	\$1,583,415	\$1,576,012

## SHEEP KILLED BY DOGS, 1879.

COUNTIES.	No. sheep assessed May, 1879	Per cent. killed by dogs.	Number killed by dogs.	Value per head of sheep killed.....	Loss in 1879.	Loss in 1878.	Loss in 1877.	Loss in 1876.
Adams.....	13,301	02	266	\$3 00	\$798	\$1,777	\$1,599	.....
Alexander.....	975	04	39	3 25	127	.....	.....	111
Bond.....	7,775	03	233	2 15	501	354	333	898
Boone.....	16,039	03	481	2 35	1,130	1,298	2,807	572
Brown.....	4,920	02	98	2 85	279	500	.....	.....
Bureau.....	6,708	.....	.....	.....	.....	.....	.....	62
Calhoun.....	838	.....	.....	.....	.....	65	49	111
Carroll.....	3,848	10	384	3 50	1,344	571	684	414
Cass.....	1,455	02	29	3 00	87	38	46	70
Champaign.....	8,253	03	247	3 00	741	392	736	2,239
Christian.....	7,843	02	157	3 00	471	293	.....	.....
Clark.....	8,779	07	614	2 30	1,412	1,154	1,078	543
Clay.....	9,475	03	284	1 50	426	475	718	1,024
Clinton.....	6,100	03	183	2 00	366	332	199	158
Coles.....	7,916	05	396	3 00	1,188	278	.....	1,493
Cook.....	6,030	05	301	3 00	903	.....	.....	.....
Crawford.....	9,483	03	284	2 25	639	296	481	.....
Cumberland.....	5,032	06	302	2 00	604	.....	.....	768
DeKalb.....	12,045	06	723	3 00	2,169	303	1,340	549
DeWitt.....	10,868	.....	.....	.....	.....	.....	567	.....
Douglas.....	5,486	05	274	2 50	685	197	.....	396
DuPage.....	11,134	02	223	3 00	669	369	399	165
Edgar.....	12,771	10	1,277	2 00	2,554	729	444	263
Edwards.....	9,360	01	94	2 75	258	356	320	.....
Effingham.....	4,638	10	463	2 00	926	.....	.....	1,499
Fayette.....	13,158	05	658	1 75	1,151	918	998	.....
Ford.....	1,150	.....	.....	.....	.....	.....	112	.....
Franklin.....	4,637	06	278	1 65	459	468	538	247
Fulton.....	17,146	03	514	1 75	899	162	.....	.....
Gallatin.....	2,677	03	80	1 85	148	.....	127	236
Greene.....	10,026	03	301	3 00	903	1,068	370	1,238
Grundy.....	2,549	02	51	3 50	178	77	258	.....
Hamilton.....	6,963	07	487	1 75	852	478	440	.....
Hancock.....	4,095	.....	.....	.....	.....	194	245	399
Hardin.....	2,073	02	41	1 50	61	22	.....	139
Henderson.....	1,945	.....	.....	.....	.....	.....	.....	.....
Henry.....	4,789	.....	.....	.....	.....	144	570	.....
Iroquois.....	4,474	02	89	2 35	209	.....	68	.....
Jackson.....	3,135	03	94	2 75	258	.....	301	403
Jasper.....	6,444	10	644	1 70	1,095	307	1,057	.....
Jefferson.....	9,122	08	730	2 10	1,533	540	636	1,134
Jersey.....	6,196	.....	.....	.....	.....	215	.....	.....
Jo Daviess.....	8,443	05	422	2 50	1,085	312	1,196	1,473
Johnson.....	3,052	05	153	1 50	229	.....	310	218
Kane.....	12,372	03	371	2 25	835	715	2,295	.....
Kankakee.....	2,182	.....	.....	.....	.....	.....	.....	51
Kendall.....	8,790	.....	.....	.....	.....	1,490	1,394	1,343
Knox.....	10,819	05	541	2 50	1,352	699	564	1,884
Lake.....	86,519	02	1,730	2 65	4,584	971	9,560	.....
LaSalle.....	12,845	02	257	3 25	835	717	1,537	4,324
Lawrence.....	5,688	05	284	2 75	781	436	530	699
Lee.....	7,243	02	145	2 65	384	414	1,081	219
Livingston.....	3,456	02	69	4 00	276	.....	.....	.....

## SHEEP KILLED BY DOGS, 1879—Continued.

COUNTIES.	Number sheep assessed May 1879.	Per cent. killed by dogs.	Number killed by dogs.	Value per head of sheep killed.	Loss in 1879	Loss in 1878	Loss in 1877	Loss in 1876
Logan.....	4,856	05	243	\$2 00	\$486	\$131	\$871	.....
Macon.....	7,037	03	211	2 85	601	318	.....	\$117
Macoupin.....	19,765	03	593	1 75	1,038	712	1,720	2,302
Madison.....	7,984	03	239	2 85	681	358	354	704
Marion.....	11,500	03	345	1 00	345	158	.....	486
Marshall.....	5,074	02	101	3 00	303	.....	.....	.....
Mason.....	443	.....	.....	.....	.....	.....	.....	.....
Massac.....	1,397	.....	.....	.....	.....	92	.....	.....
McDonough.....	6,896	.....	.....	.....	.....	503	430	946
McHenry.....	44,968	01	450	2 35	1,057	1,724	3,990	829
McLean.....	19,594	04	796	3 15	2,507	833	755	1,574
Menard.....	5,713	02	114	2 00	228	375	126	154
Mercer.....	4,937	02	99	2 65	262	630	600	.....
Monroe.....	1,323	.....	.....	.....	.....	.....	.....	.....
Montgomery.....	10,674	05	534	2 75	1,468	1,124	.....	928
Morgan.....	6,178	.....	.....	.....	.....	1,117	1,460	.....
Moultrie.....	4,451	15	668	2 00	1,336	403	152	.....
Ogle.....	9,129	.....	.....	.....	.....	.....	1,149	911
Peoria.....	5,900	01	59	3 00	177	200	.....	.....
Perry.....	2,852	01	28	1 75	49	176	240	.....
Piatt.....	3,495	03	105	2 75	289	564	612	152
Pike.....	11,557	04	462	2 50	1,155	1,580	1,651	1,007
Pope.....	7,107	07	497	1 75	870	507	328	.....
Pulaski.....	1,072	01	11	1 90	21	48	.....	.....
Putnam.....	1,740	01	17	3 00	51	42	123	62
Randolph.....	6,903	05	345	2 75	949	1,230	1,362	.....
Richland.....	6,362	04	254	1 85	470	327	493	.....
Rock Island.....	2,185	10	218	2 50	545	322	.....	.....
Saline.....	6,145	.....	.....	.....	.....	.....	271	443
Sangamon.....	17,032	02	341	2 75	938	1,085	1,188	1,226
Schuyler.....	6,156	05	308	2 25	693	599	620	.....
Scott.....	5,647	01	56	2 50	140	119	.....	.....
Shelby.....	14,935	02	299	2 00	598	566	418	.....
Stark.....	6,319	10	632	3 00	1,896	192	.....	538
St. Clair.....	4,240	02	85	2 40	204	94	506	.....
Stephenson.....	8,572	04	343	2 50	857	270	1,242	.....
Tazewell.....	8,548	03	256	2 00	512	1,775	657	301
Union.....	3,657	03	110	2 75	302	464	.....	.....
Vermillion.....	22,783	06	1,367	2 95	4,033	1,763	3,182	623
Wabash.....	3,720	03	112	2 10	235	338	.....	.....
Warren.....	5,273	01	53	2 50	132	99	153	464
Washington.....	4,562	01	46	3 00	138	609	802	.....
Wayne.....	10,960	05	548	2 00	1,096	461	459	1,049
White.....	6,058	05	303	1 45	439	384	515	165
Whiteside.....	6,223	01	62	4 00	248	464	.....	.....
Will.....	6,848	01	68	3 00	204	396	.....	.....
Williamson.....	7,527	05	376	1 50	564	314	694	371
Winnebago.....	12,933	02	259	3 00	777	295	524	.....
Woodford.....	3,441	01	34	4 00	136	.....	118	.....
Total.....	846,101	03	27,338	\$2 40	\$65,384	\$43,885	\$63,752	\$30,578



## VALUE LIVE STOCK MARKETED, 1879.

COUNTIES.	Value hogs	Value hogs	Value hogs	Value beef	Value fat
	marketed	marketed	marketed	cattle mar-	sheep mar-
	1877	1878	1879	keted 1879.	keted 1879.
Adams.....	\$547,109	\$240,897	\$309,395	\$83,742	7,421
Alexander.....	11,965	8,415	20,347	5,859	276
Bond.....	69,925	63,690	50,860	47,082	4,090
Boone.....	121,303	111,053	102,529	94,761	7,083
Brown.....	88,039	91,127	142,415	86,227	4,624
Bureau.....	542,005	581,730	447,100	284,776	5,031
Calhoun.....	58,912	57,593	43,431	13,685	616
Carroll.....	291,521	192,975	199,904	128,880	1,500
Cass.....	30,008	41,611	66,560	263,577	544
Champaign.....	357,201	305,334	226,889	122,188	4,550
Christian.....	268,157	186,598	193,165	249,134	5,646
Clark.....	188,903	41,756	108,851	40,704	4,345
Clay.....	97,750	55,823	72,645	37,989	8,640
Clinton.....	61,639	26,959	60,542	68,978	3,477
Coles.....	116,688	119,450	199,115	167,270	5,990
Cook.....	134,768	91,748	138,434	229,128	1,960
Crawford.....	156,492	74,567	78,533	62,568	5,881
Cumberland.....	86,312	57,350	28,896	75,671	1,817
DeKalb.....	469,440	334,310	339,478	314,402	4,303
DeWitt.....	182,295	112,571	129,579	40,365	1,824
Douglas.....	163,815	115,600	142,999	167,832	3,386
DuPage.....	98,093	97,024	63,582	145,617	8,183
Edgar.....	193,151	160,007	187,495	417,396	9,273
Edwards.....	74,909	73,567	82,875	37,896	4,867
Effingham.....	71,860	33,990	43,419	47,303	2,470
Fayette.....	110,407	68,264	116,877	109,192	6,185
Ford.....	184,947	153,345	113,624	47,008	678
Franklin.....	35,532	40,212	67,510	20,092	1,852
Fulton.....	490,234	334,957	417,689	441,966	11,127
Gallatin.....	37,503	43,247	38,985	10,325	602
Greene.....	238,670	107,929	97,707	165,311	3,940
Grundy.....	128,082	145,552	132,762	101,993	1,470
Hamilton.....	50,299	38,567	37,134	25,267	1,983
Hancock.....	331,419	253,630	225,652	237,538	6,039
Hardin.....	49,781	24,989	17,676	3,834	290
Henderson.....	208,528	122,247	136,897	139,319	1,050
Henry.....	731,906	544,674	387,629	316,839	1,555
Iroquois.....	544,600	339,278	272,553	260,312	3,044
Jackson.....	39,257	57,541	73,775	14,375	1,725
Jasper.....	44,581	50,522	82,084	29,520	2,107
Jefferson.....	107,901	61,664	77,512	33,396	1,595
Jersey.....	133,294	114,452	109,998	49,926	5,024
Jo Daviess.....	223,439	279,129	277,430	294,823	4,177
Johnson.....	108,041	61,753	66,393	4,512	1,144
Kane.....	148,847	161,700	160,463	327,229	8,207
Kankakee.....	168,541	92,223	74,460	164,700	321
Kendall.....	265,444	149,849	116,593	136,388	12,833
Knox.....	662,007	409,121	482,658	271,550	8,775
Lake.....	157,398	106,951	88,698	99,597	53,727
LaSalle.....	756,897	555,834	459,768	497,511	7,756
Lawrence.....	85,770	59,020	67,122	158,137	4,779
Lee.....	374,751	184,721	151,142	200,179	2,968
Livingston.....	696,947	575,556	506,835	241,593	1,380

## VALUE LIVE STOCK MARKETED, 1879—Continued.

COUNTIES.	Value hogs marketed 1877	Value hogs marketed 1878	Value hogs marketed 1879	Value beef cattle marketed 1879	Value fat sheep marketed 1879
Logan.....	\$299,224	\$234,166	\$263,302	\$228,951	\$3,108
Macon.....	368,161	228,237	223,896	72,659	4,469
Macoupin.....	334,008	299,590	277,945	1,033,281	8,361
Madison.....	239,772	145,528	148,376	51,234	8,079
Marion.....	94,090	59,176	76,962	152,880	15,996
Marshall.....	292,257	247,418	193,170	122,346	2,589
Mason.....	94,550	111,289	63,849	20,962	279
Massac.....	30,363	25,939	67,640	13,365	413
McDonough.....	378,743	275,220	228,499	278,096	4,965
McHenry.....	219,458	174,785	151,335	175,156	33,994
McLean.....	642,151	571,815	544,651	720,262	8,898
Menard.....	127,004	77,436	87,562	268,425	3,128
Mercer.....	299,297	336,436	295,600	410,015	3,373
Monroe.....	57,150	38,639	39,048	11,723	795
Montgomery.....	200,124	161,729	136,875	302,770	7,337
Morgan.....	120,693	62,028	62,038	438,880	4,555
Moultrie.....	147,422	115,253	91,524	132,643	2,357
Ogle.....	715,018	403,223	270,469	153,591	3,447
Peoria.....	643,787	278,309	375,937	246,662	6,692
Perry.....	24,579	35,077	29,157	20,436	1,294
Piatt.....	172,344	156,006	129,970	160,416	1,884
Pike.....	372,871	288,309	216,129	218,078	5,547
Pope.....	66,484	53,065	81,783	13,626	2,844
Pulaski.....	25,284	11,946	17,850	12,070	590
Putnam.....	168,912	121,705	93,057	110,405	1,149
Randolph.....	75,300	65,592	84,064	50,303	5,316
Richland.....	62,735	44,187	64,638	27,977	2,576
Rock Island.....	214,411	217,930	176,855	223,801	732
Saline.....	86,777	67,050	85,489	13,370	982
Sangamon.....	486,354	287,698	398,953	446,003	11,479
Schuyler.....	170,942	173,609	131,836	159,134	2,918
Scott.....	89,496	87,970	93,007	77,696	3,153
Shelby.....	239,424	172,911	286,505	266,625	10,419
Stark.....	178,242	238,338	233,155	91,736	3,698
St. Clair.....	103,041	31,460	102,177	25,223	1,063
Stephenson.....	354,664	272,986	246,126	118,398	7,762
Tazewell.....	294,108	247,561	213,693	175,755	7,641
Union.....	104,680	41,022	76,786	39,676	2,156
Vermillion.....	360,125	219,073	286,593	316,353	19,663
Wabash.....	50,344	34,919	36,225	11,522	4,134
Warren.....	653,453	313,129	237,256	200,106	2,200
Washington.....	39,260	29,712	54,108	50,048	3,420
Wayne.....	71,604	81,531	130,293	57,635	3,355
White.....	102,979	85,737	142,200	50,531	2,548
Whiteside.....	433,587	277,635	296,343	819,862	2,331
Will.....	258,530	307,431	223,202	341,579	3,748
Williamson.....	92,737	46,487	70,006	19,679	1,356
Winnebago.....	263,249	196,350	162,394	99,934	5,990
Woodford.....	275,587	249,170	293,689	124,110	5,031
Total.....	\$22,738,881	\$16,721,384	\$16,640,061	\$16,751,450	\$513,884

## VALUE OF PRINCIPAL CROPS IN ILLINOIS IN 1879.

COUNTIES.	Corn.	Meadows.	Winter Wheat.	Spring Wheat.	Oats.	Pasture.	Orchards.	Winter Rye.	Barley.	Irish Potatoes.	Sorghum.	Flax Seed.
Adams.....	\$1,362,008	\$235,744	\$1,686,106	\$1,085	\$156,810	\$193,842	\$68,400	\$7,640	\$393	\$47,528	\$17,388	
Alexander.....	172,884	6,406	111,226		2,361	2,436	2,737	117		4,522	4,521	
Bond.....	425,574	65,120	493,411		65,240	158,470	28,548	16,474	2,298	13,648		\$23,109
Boone.....	410,533	122,970	8,303	23,520	185,400	29,001	23,615	1,473	2,807	7,654	12,452	
Brown.....	380,016	52,168	410,180		19,618	365,048	23,815	30,023	22,807	51,225	1,972	
Bureau.....	1,840,786	245,180		113,640	210,342	8,795	9,440	115	46,940	5,360	648	
Calhoun.....	174,132	13,069	261,785		12,918	220,400	13,579	71,866		71,910	1,458	235
Carroll.....	981,122	110,097	70,401	100,040	253,323	55,902	4,092	4,827		8,224	2,673	
Cass.....	542,520	38,150	293,792	505	55,083	273,216	29,802	63,369	155	93,980	20,849	35,154
Champaign.....	2,620,795	911,236	233,442	10,446	186,849	117,813	34,111	34,178	1,336	17,523	9,410	11,480
Christian.....	2,000,809	151,040	1,101,564	6,937	111,923	73,920	20,730	3,277		7,530	7,202	
Clark.....	503,506	68,360	485,356	374	41,871	21,756	19,070	1,128		5,247	3,358	7,576
Clay.....	292,911	50,379	98,118		28,992	97,957	21,390	1,410	28	30,116	3,024	
Clinton.....	459,932	33,512	1,024,524		70,204	229,918	26,060	5,850	2,335	19,671	11,178	
Coles.....	999,488	127,440		924	566,502	260,724	73,440	14,748	2,198	290,066		
Cook.....	637,473	971,116	278,410	46,040	22,758	41,658	16,158	5,637	221	14,726	200	
Crawford.....	388,238	64,129	410,560	374	41,667	49,148	13,514	8,849	708	5,520	6,977	427
Cumberland.....	390,812	61,408	379,794	178	520,663	299,633	29,295	13,514	8,849	71,010	734	87,406
DeKalb.....	1,675,587	599,515	3,125	47,466	82,364	44,454	33	41,081	33	10,706	4,200	242
Dewitt.....	1,093,029	157,080	117,953	30,701	71,827	154,692	40,820	9,581	1,214	143,450	8,802	62,934
Douglas.....	852,954	65,180	117,288	4,135	286,858	149,370	31,573	101,333	155	15,015	8,027	
DuPage.....	486,536	260,730	3,033	46,974	72,048	255,441	8,389	598		23,451	4,037	
Edgar.....	1,380,641	130,635	605,804	5,369	21,330	18,947	8,389	5,458		23,561	8,603	
Edwards.....	149,702	20,630	240,095	122	79,476	38,950	23,409	4,016		20,885	4,176	190,339
Edgingham.....	443,645	93,190	382,028	5,671	40,780	62,270	13,648	13,414	242	17,514	18,144	
Fayette.....	573,216	40,023	536,663	271	113,832	72,774	13,648	389	66	9,600		
Ford.....	1,487,818	77,105	4,996	9,807	36,312	19,778	28,589			3,830	6,798	
Franklin.....	330,889	26,413	326,002		144,900	84,967	4,557	8		8,277	1,475	
Fulton.....	456,444	290,648	365,819	72,470	120,719	160,787	8,487	1,162		29,790	1,026	6,452
Gallatin.....	322,346	25,784	290,619		98,621	14,004	73,740	558		40,491	13,388	60
Greene.....	677,558	159,790	805,463	336	28,002	176,823	2,768	44,370	66	47,190	17,750	
Grundy.....	124,466	156,542	2,300	3,981	65,429	123,348	3,482	48,479	22	2,908	2,360	
Hamilton.....	316,732	41,610	266,133	162	189,078	44,715	21,985	35,330	2,287	64,100	6,130	
Hancock.....	1,795,873	149,598	446,699	20,147	154,798	152,969	73,065	44,921	2,666	55,000	9,300	231,130
Hardin.....	87,617	127,010	62,773		14,322	55,425	55,425	748	586	13,992	4,042	
Henderson.....	876,194	(4,320)	81,751	36,255	36,850	13,274	10,177	2,210	6,993	11,121	580	
Henry.....	2,150,116	225,972	76,666	76,666	18,074	43,726	35,332	1,109	12,144	13,048	17,724	1,600
Henry.....	2,490,739	262,164	59,366	16,265	53,645							
Jackson.....	304,763	674,897	36,356	6,412								
Jasper.....	282,317	126,972	131,316	6,412								
Jefferson.....	561,062	43,545	501,348	103								



Jersey.....	305,432	30,500	1,569,431	37,931	314,570	100,403	14,041	18,176	3,031	49,680	6,414	1,026	16,904
JoDavies.....	835,713	104,728	63,004	37,931	314,570	190,423	18,513	106	33	2,925	3,150	4,063	39,236
Johnson.....	75,388	44,145	178,584	112	28,453	11,396	12,545	18,364	2,342	60,082	2,088	225	13,390
Kane.....	781,343	470,831	988	37,835	258,621	277,781	12,545	65,243	221	26,747	17,490	43	102,172
Kankakee.....	368,620	437,921	9,340	17,911	178,480	142,525	21,222	46,801	806	70,845	4,347	88	21,539
Kendall.....	753,480	244,201	1,251	18,023	110,391	198,048	21,222	26,448	806	70,845	4,347	88	21,539
Knox.....	1,974,407	229,831	61,440	112,654	328,618	51,730	26,448	46,801	806	70,845	4,347	88	21,539
Lake.....	370,789	279,043	2,065	33,160	241,213	125,926	18,175	4,329	1,076	1,177	43	102,172	88
La Salle.....	3,345,844	718,235	10,931	116,624	416,683	389,830	22,519	23,085	6,035	73,899	9,472	105,987	105,987
Lawrence.....	285,751	55,480	306,470	8,574	12,817	25,389	22,519	1,224	1,490	13,779	9,472	105,987	105,987
Lee.....	1,305,917	294,068	308,286	114,134	169,781	234,912	29,504	65,646	795	63,472	3,888	5,062	7,830
Livingston.....	3,737,627	201,718	9,486	215,085	189,903	75,915	75,915	41,933	1,125	34,632	5,062	7,830	7,830
Logan.....	2,040,434	110,470	224,981	15,344	83,302	179,491	16,440	41,933	1,125	34,632	5,062	7,830	7,830
Macon.....	1,413,101	169,227	1,560,530	3,192	124,416	133,584	13,864	13,864	883	25,560	7,830	7,830	7,830
Macoupin.....	1,593,235	177,960	1,946,521	842	91,612	220,889	85,185	1,535	242	26,617	7,830	7,830	7,830
Madison.....	1,249,890	155,925	2,232,786	2,232,786	180,593	100,371	31,680	512	121	153,369	4,355	2,365	2,365
Marion.....	335,657	122,316	536,792	24,300	50,925	78,315	20,529	11,785	177	15,399	2,400	2,400	2,400
Marshall.....	1,521,972	157,170	39,687	29,663	95,246	104,606	30,975	18,527	1,446	15,686	2,400	2,400	2,400
Mason.....	642,191	19,170	141,786	7,975	29,663	3,770	5,037	156	3,948	8,000	12,132	3,402	3,402
Massac.....	101,828	54,978	189,099	64,028	418,701	88,095	25,310	41,648	5,594	74,637	1,017	10,854	10,854
McDonough.....	1,405,618	139,092	64,028	103,184	307,172	106,026	43,884	11,686	795	80,697	9,024	10,854	10,854
McHenry.....	801,058	341,810	50,318	31,017	386,148	379,585	71,507	101,615	795	13,150	7,704	7,704	7,704
McLean.....	3,893,879	287,551	86,912	86,976	45,104	5,392	5,392	33,885	556	26,161	7,738	7,738	7,738
Menard.....	729,055	85,076	283,414	8,554	113,975	263,196	36,501	33,885	556	26,161	7,738	7,738	7,738
Mercer.....	1,688,725	123,728	27,107	74,425	26,625	26,978	15,938	421	684	75,440	5,119	3,175	3,175
Monroe.....	233,167	114,015	1,085,744	1,825	105,558	116,401	37,200	17,734	581	2,838	3,175	3,175	3,175
Montgomery.....	1,923,360	161,904	1,298,068	19,814	110,840	231,942	15,300	13,536	5,420	18,414	2,812	5,225	5,225
Morgan.....	1,107,844	204,438	355,365	19,814	110,840	231,942	15,300	13,536	5,420	18,414	2,812	5,225	5,225
Moultrie.....	764,628	50,211	176,246	1,688	74,821	37,919	15,809	51,192	47,141	74,668	3,010	3,010	3,010
Ogle.....	1,668,751	282,668	46,176	138,993	436,775	196,302	12,100	129,237	432	71,150	2,797	2,797	2,797
Peoria.....	1,323,756	187,603	80,957	30,742	212,304	119,566	10,170	51	276	10,587	2,142	7,387	7,387
Perry.....	145,897	425,239	16,716	38,999	116,978	128,634	18,841	37,881	276	10,587	2,142	7,387	7,387
Piatt.....	1,361,818	108,521	143,248	3,331	116,978	104,696	29,775	314	177	55,390	11,000	11,000	11,000
Pike.....	805,162	144,880	1,484,190	618	40,680	27,520	17,767	391	342	7,200	1,375	1,375	1,375
Pope.....	234,136	28,519	109,554	908	13,466	27,520	7,925	391	342	7,200	1,375	1,375	1,375
Putnam.....	114,454	28,110	143,338	26,974	27,658	40,447	3,783	10,433	342	4,817	1,375	1,375	1,375
Putnam.....	452,679	44,675	6,263	6,263	27,658	40,447	3,783	10,433	342	4,817	1,375	1,375	1,375
Randolph.....	329,824	47,880	1,698,839	42,358	66,577	39,908	23,840	38,902	2,935	38,902	2,935	38,902	38,902
Richland.....	204,597	42,358	184,244	13,097	13,097	55,666	19,089	576	4,560	76,910	3,348	3,348	3,348
Rock Island.....	807,425	160,250	155,305	75,451	85,661	174,195	3,695	22,766	4,560	76,910	3,348	3,348	3,348
Saline.....	36,015	36,015	155,305	75,451	85,661	174,195	3,695	22,766	4,560	76,910	3,348	3,348	3,348
Sangamon.....	1,718,600	139,884	566,016	11,411	72,266	387,309	24,730	29,700	265	23,660	4,424	236	236
Schuyler.....	626,170	98,123	411,386	7,598	39,846	69,660	11,120	10,867	55	6,142	11,978	11,978	11,978
Scott.....	651,151	52,852	499,585	412	6,146	53,921	6,762	3,519	44	17,192	2,592	716	716
Shelby.....	1,039,492	187,003	750,017	13,187	142,453	100,561	16,464	15,915	55	56,220	14,400	14,400	14,400
Stark.....	981,288	102,186	3,922	14,347	91,051	112,395	13,310	15,466	48	14,168	2,665	2,665	2,665
St. Clair.....	639,871	232,627	2,216,447	93,570	74,665	45,272	60,060	1,570	1,112	161,427	1,118	691	691
Stephenson.....	1,038,413	438,296	103,466	32,132	288,910	120,620	11,615	89,244	34,333	43,925	2,970	2,970	2,970
Tazewell.....	1,584,437	81,105	275,761	32,132	200,310	126,519	20,218	80,296	1,524	22,067	3,974	3,974	3,974
Union.....	2,55,688	56,409	426,421	1,095	15,156	19,775	26,304	407	44	8,280	11,650	11,650	11,650
Vermilion.....	2,023,693	231,731	859	5,625	136,016	237,741	45,975	30,332	88	19,150	62,520	62,520	62,520
Wabash.....	217,967	36,076	293,390	6,153	18,812	7,117	18,812	561	99	6,728	3,391	3,391	3,391

## VALUE OF PRINCIPAL CROPS IN ILLINOIS IN 1879.

COUNTIES.	Corn.	Meadows.	Winter Wheat.	Spring Wheat.	Oats.	Pasture.	Orchards.	Winter Rye.	Barley.	Irish Potatoes.	Sorghum	Flax Seed.
Warren.	\$1,522,256	\$126,224	\$18,179	\$54,557	\$183,235	\$208,392	\$15,678	\$39,523	\$11	\$22,863	\$5,120	.....
Washington.	312,343	19,807	1,027,231	.....	105,247	20,316	11,165	1,056	32	23,320	7,700	\$46,138
Wayne.	384,336	123,368	305,955	.....	46,585	51,718	50,666	1,431	11	29,344	23,692	731
White.	432,149	51,468	676,405	.....	12,322	15,994	8,432	39	.....	11,340	5,807	.....
Whiteside.	1,801,240	921,112	9,424	97,424	208,585	279,198	18,681	58,723	23,495	69,800	4,400	.....
Will.	1,534,909	721,910	8,075	27,930	536,286	366,057	67,232	13,841	684	216,380	1,166	.....
Williamson.	221,366	40,320	281,001	.....	32,280	73,125	11,830	227	3,312	5,026	9,570	24,950
Winnebago.	966,782	154,369	15,974	42,628	389,289	189,174	31,995	674	7,700	38,318	734	30
Woodford.	1,595,197	336,267	44,935	39,909	182,839	21,770	29,150	45,080	1,680	26,189	3,586	.....
Total	\$97,483,052	\$16,428,012	\$37,266,757	\$2,663,882	\$12,059,162	\$12,319,620	\$2,407,687	\$1,991,404	\$265,951	\$3,506,788	\$579,257	\$1,296,753

only 3 or 4

## SUMMARY

*Of Meteorological Observations for the year 1879, made to the Illinois Department of Agriculture, Springfield. Hours for taking Observations: 7 A. M., 2 P. M., 9 P. M.*

STATIONS.	THERMOMETER.					BAROMETER.					WIND.		RAIN AND SNOW.		Relative humidity.				
	Highest.	Lowest.	Mean.	Range of.	Highest daily mean.	Highest.	Lowest.	Mean.	Range of.	Highest daily mean.	Prevailing.	Days which rain or snow fell.	Total rainfall or melted snow.	Depth of snow at close of month.	No. of days on which cloudiness averaged 0.8 or more.	Deg.			
	Deg.	Deg.	Deg.	Deg.	Deg.	Inch.	Inch.	Inch.	Inch.	Inch.	Direct	Miles.	Inch.	Inch.	No.				
NORTHERN DIV.																			
Jan.....6 Stations.	43	-23	14	66	37	-18	29.55	28.53	29.28	0.72	29.53	28.91	w&sw	4	3	0.70	7.2	8	.....
Feb.....5 "	45	-17	20	62	38	-4	29.65	28.78	29.26	0.87	29.62	28.83	NW	4	8	1.35	6.6	9	.....
Mar....5 "	71	+9	35	62	59	+15	29.68	28.85	29.25	0.43	29.66	28.90	nw&w	4	9	1.10	5.25	10	.....
April....5 "	81	+15	46	66	69	+22	29.51	28.46	29.20	1.05	29.49	28.68	ne, nw	4	4	2.13	.....	4	.....
May.....5 "	90	+34	59	66	78	+45	29.62	28.87	29.23	0.75	29.58	28.89	NE	5	7	4.16	.....	6	.....
June.....5 "	87	+43	65	43	76	+48	29.54	28.65	29.15	0.89	29.49	28.74	S&SW	4	8	3.93	.....	7	.....
July.....4 "	93	+57	74	36	83	+65	29.40	28.95	29.15	0.48	29.36	28.95	SW	3.5	7	6.48	.....	5	.....
Aug.....7 "	91	+50	71	41	79	+57	29.78	29.32	29.56	0.46	29.74	29.35	SW	3	6	2.39	.....	9	62.3
Sept....6 "	83	+38	52	45	74	+42	29.97	29.26	29.65	0.71	29.95	29.37	S&SW	5.6	7	1.18	.....	8	63
Oct.....6 "	87	+22	56	65	76	+28	30.19	29.20	29.69	1.00	30.20	29.36	S&SW	4.5	7	1.98	.....	4	65.5
Nov.....7 "	70	+8	37	63	62	+14	30.07	29.12	29.64	0.95	29.99	29.18	S&SW	4.5	9	4.26	2.2	9	67
Dec.....7 "	57	-13	23	80	71	-4	30.05	29.08	29.64	0.97	29.97	29.18	NW	4.6	12	2.36	2.42	9	69.4
CENTRAL DIV.																			
Jan.....4 Stations.	49	-23	18	73	41	-15	30.14	29.25	29.78	0.89	30.12	29.38	W	3	3	0.79	8	13	80
Feb.....4 "	53	-5	27	58	42	+3	30.12	29.20	29.74	0.92	30.09	29.28	W	5	8	0.78	.....	10	73
Mar....4 "	76	+5	40	70	64	+17	30.20	29.28	29.73	0.92	30.08	29.37	NW	5	14	1.70	.....	15	70
April....4 "	84	+21	51	64	72	+29	30.87	29.03	29.64	0.84	29.85	29.17	se,nw,e	5	6	1.99	.....	7	57.9
May.....4 "	91	+41	66	50	81	+52	30.03	29.25	29.64	0.77	29.98	29.35	SE	5	7	0.98	.....	11	54.4
June.....5 "	89	+50	70	38	81	+53	29.66	29.15	29.62	0.54	29.92	29.22	S.se&sw	4	9	2.80	.....	6	64
July.....6 "	99	+63	81	36	88	+71	30.00	29.48	29.78	0.52	29.93	29.64	se&sw	4	7	3.13	.....	13	59.8
Aug.....5 "	93	+53	74	40	84	+62	30.00	29.53	29.79	0.47	29.96	29.58	S&SW	4	8	3.31	.....	12	64
Sept....5 "	85	+40	63	45	76	+49	30.05	29.64	29.75	0.41	30.02	29.45	S&NW	5	7	2.13	.....	7	63
Oct.....5 "	89	+27	62	62	79	+33	30.49	29.57	30.07	0.92	30.44	29.68	S. SW	5	6	1.57	.....	8	64
Nov.....5 "	75	+17	42	58	67	+23	30.53	29.44	29.94	1.09	30.32	29.46	S. SW	6	10	4.51	.....	12	68.2
Dec.....6 "	59	-7	26	67	53	+2	30.38	29.33	29.95	1.04	30.32	29.44	W. NW	4	9	2.25	0.75	14	73
SOUTHERN DIV.																			
Jan.....8 Stations.	61	-15	29	77	47	-4	30.77	29.84	30.38	0.94	30.74	30.02	N&NW	4.4	7	3.3	7.5	7	73.7
Feb.....7 "	62	-8	35	62	54	+10	30.70	29.66	30.27	1.04	30.56	29.77	NW	5	8	2.66	4.5	14	63.4
Mar.....8 "	82	+14	46	68	69	+21	32.12	29.95	30.26	2.17	30.54	29.98	NW	6	10	2.10	4.37	10	63.7
April....7 "	86	+28	55	57	73	+33	30.50	29.64	30.20	1.26	30.50	29.66	nw, se	6	7	2.41	.....	13	.....
May.....7 "	94	+45	64	49	82	+56	30.39	29.97	30.24	0.42	30.37	30.06	n.e.s.w	3.6	5	2.24	.....	10	.....
June.....6 "	93	+51	73	42	84	+57	30.26	29.64	30.03	0.62	30.22	29.73	sw, se	5.5	8	1.59	.....	9	69.2
July.....4 "	100	+67	79	33	89	+73	.....	.....	.....	.....	nw,e,se	5	8	3.99	.....	6	.....		
Aug.....6 "	98	+56	74	42	86	+63	30.21	29.45	30.00	0.76	30.17	29.56	sw, se	4	5	6.75	.....	6	71.1
Sept....4 "	85	+41	63	44	74	+53	30.38	29.83	30.17	0.55	30.35	29.84	sw&ne	5	5	1.48	.....	11	.....
Oct.....4 "	91	+25	61	63	78	+38	30.50	29.95	30.24	0.55	30.49	29.09	sw, ne	5	5	2.84	.....	9	.....
Nov.....5 "	77	+33	48	44	69	+26	30.48	29.75	30.18	0.73	30.44	29.75	S. N	5	8	4.4	.....	13	.....
Dec.....6 "	62	+4	35	58	54	+8	30.54	29.39	30.19	1.15	30.54	29.50	N. SW	4	10	4.62	0.37	21	.....





## REMARKS FOR AUGUST.

DURAND—C. A. STARR, Observer: Thunder storms on the 3d and 12th. Frosts on the 17th and 18th, on low ground. Lunar halo on the 5th.

BELVIDERE—G. B. MOSS, Observer: Thunder storms on the 2d, 6th and 10th; considerable display of meteors on the night of the 10th. Mean temperature of 13 Augusts  $70^{\circ}.02$ ; mean of summer of 1879,  $70^{\circ}.52$ ; of 13 summers,  $70^{\circ}.14$ —1874 being the warmest,  $72^{\circ}.78$ , and 1875 the coldest,  $66^{\circ}.78$ . Rainfall summer of 1879, 13.85 inches. Mean rainfall of 11 summers, 12.10 inches—1874 being the driest, 5.05 inches, and 1869 the wettest, 20.03 inches. Mean rainfall of 11 Augusts, 2.32 inches—1875 being the driest, 1.17 inches, and 1869 wettest, 4.91.

ELGIN—E. L. GIDDINGS, Observer: Thunder storms on the 10th, 11th and 12th.

CHICAGO—J. G. LYNCH, U. S. A., Observer: Mean temperature of 5 Augusts,  $71^{\circ}.8$ —1878 being the warmest, and 1875 the coldest. Mean precipitation of 5 Augusts, 2.82 inches—1878 the wettest, 3.66 inches, and 1879 the driest, 0.45 inch. Distance traveled by the wind during the month, 4,762 miles. Greatest velocity of the wind, 20 miles.

MARENGO—JOHN W. JAMES, Observer: Thunder storms on the 3d, 11th, 12th and 13th. Solar halos on the 15th and 24th. Lunar halo on the 24th. Mean temperature of August two-tenths degrees lower than usual, and its rainfall 1.79 inches less than usual. No rain after the 15th—only Augusts '64 and '76 were dryer. Mean temperature of the summer of 1879,  $69^{\circ}.3$ , or  $0^{\circ}.2$  lower than usual. Total rainfall 12.16 inches, one-half more than usual. In 18 years 8 summers have been cooler, 10 warmer, 11 dryer, and 7 wetter.

ALEDO—ALEX. STEPHENS, Observer: Thunder storms on the 4th, 5th, 6th and 28th.

ELMIRA—O. A. BLANCHARD, Observer: Thunder storms on the 4th and 5th. Solar halo on the 25th.

PEORIA—FRED. BRENDL, Observer: Thunder storms on the 3d, 11th and 12th.

AUGUSTA—S. B. MEAD, Observer: Thunder storms on the 5th, 6th, 19th and 28th. Nights of the 7th, 8th and 9th cool. Diffuse lightning in the northeast between 8 and 9 P. M. of the 11th.

SPRINGFIELD—T. B. JENNINGS, Observer: Highest barometer on the 9th, lowest on the 24th. Highest temperature on the 3d and 4th, and lowest 9th and 17th. Greatest daily range of temperature  $24^{\circ}$ , on the 1st and 25th; least daily range  $8^{\circ}$ , on the 23d. Highest velocity of wind 21 miles, direction north. Total movement of wind 5,099 miles. Solar halos on the 19th, 23d and 26th. Lunar halo on the 3d.

MT. STERLING—WM. W. BOWER, Observer: Thunder storms on the 5th, 6th, 13th, 19th, 22d, 23d and 28th. Sheet lightning N. W. evenings of the 11th and 12th.

CENTRALIA—J. L. HALLAM, Observer: Thunder storms on the 4th, 6th and 14th. Strong wind from the N. E. on the 24th, and 3-4 inches rainfall between 3 and 5 o'clock P. M.

ST. MARIE—JAMES PICQUET, Observer: Thunder storms on the 3d, 4th, 5th, 6th, 13th and 14th. Thermometer marked  $50^{\circ}$  at 6 A. M. on the 9th, and  $49^{\circ}.50$  at 5:30 A. M. on the 18th. Lunar halos on the 4th and 22d.

GOLCONDA—J. E. Y. HANNA, Observer: Thunder storms on the 6th and 14th. Lightning north evenings 4th and 5th. Heavy rains on the 23d and 24th.

GRAYVILLE—J. L. RHINEHART, Observer: Heavy rains from 6 A. M. to 7 P. M. on the 7th. Weather cool and fires very agreeable. Heavy rains on the 15th and 21st.

CAIRO—WM. R. SMITH, Observer: Thunder storms on the 6th, 7th and 13th. Lunar halo on the 31st.

*SUMMARY of Meteorological Observations for Month of September, 1879, made to the Illinois Department of Agriculture, Springfield, October 1. Hours for taking Observations: 7 A. M., 2 P. M., 9 P. M.*

STATIONS.		THERMOMETER.						BAROMETER.						WIND.		RAIN AND SNOW.			No. of days on which cloudiness averaged 0.8 or more.....	
		Highest.....	Lowest.....	Mean .....	Range of.....	Highest daily mean.....	Lowest daily mean .....	Highest.....	Lowest.....	Mean.....	Range of.....	Highest daily mean. ....	Lowest daily mean.....	Prevailing. ....	Maximum velocity or force—miles per hour.....	Days on which rain fell .....	Total rainfall or melted snow	Depth of snow at close of month. ....		
Elevation above sea level.....		Deg.	Deg.	Deg.	Deg.	Deg.	Deg.	Deg.	Deg.	Deg.	Deg.	Deg.	Deg.	Direc.	M's	No.	Inch.	Inch.	No.	
<b>NORTHERN DIVISION.</b>																				
<i>County.</i>	<i>Post Office.</i>																			
Boone.....	Belvidere.....	89	32	60	57	75	40	.....	.....	.....	.....	.....	.....	SW	5	3	.76	.....	0	
McHenry.....	Marengo.....	925	82	58	50	73	42	.....	.....	.....	.....	.....	.....	SW	5	8	1.20	.....	5	
Kane.....	Elgin.....	777	80	62	49	73	41	29.55	28.93	29.26	.62	29.55	29.00	SW	3	7	1.02	.....	11	
Cook.....	Chicago.....	83	39	61.5	44	76	46	30.397	29.591	30.048	.806	30.345	29.741	S	4	12	1.18	.....	.....	
Whiteside.....	Lyndon.....	540	86	61	52	75	43	.....	.....	.....	.....	.....	.....	NW	6	8	1.13	.....	0	
Henry.....	Geneseo.....	650	81	52	47	72	43	.....	.....	.....	.....	.....	.....	SW	.....	5	1.8	.....	.....	
<b>CENTRAL DIVISION.</b>																				
Peoria.....	Peoria.....	86	39	64	47	75	49	30.021	29.388	29.727	.633	30.004	29.464	S	5	10	3.72	.....	3	
Hancock.....	Augusta.....	681	84	62	45	77	48	.....	.....	.....	.....	.....	.....	NW	5	8	2.06	.....	12	
Sangamon.....	Springfield.....	640	83	61	45	72	49	30.415	29.724	30.094	.60	30.374	29.776	SW	5	9	.84	.....	.....	
Macon.....	Decatur.....	684	90	63	48	77	50	29.70	29.10	29.435	.691	29.69	29.12	S	5	3	2.02	.....	0	
Brown.....	Mt. Sterling.....	525	85	64	42	78	51	.....	.....	.....	.....	.....	.....	NW	4	5	2.00	.....	7	
<b>SOUTHERN DIVISION.</b>																				
Jasper.....	St. Marie.....	87	38	63	49	75	51	.....	.....	.....	.....	.....	.....	N	6	6	1.35	.....	4	
Clay.....	Louisville.....	500	84	64	46	73	52	.....	.....	.....	.....	.....	.....	SW	6	3	1.	.....	15	
Madison.....	Upper Alton.....	725	83	42	58	77	53	30.38	29.83	30.17	.55	30.35	29.84	S	4	7	1.93	.....	21	
Pope.....	Golconda.....	.....	46	66	41	72	55	.....	.....	.....	.....	.....	.....	NE	4	6	1.65	.....	4	



## REMARKS FOR SEPTEMBER.

BELVIDERE—G. B. MOSS, Observer: Thunder storm on the 27th, accompanied with some hail. Frosts on the 6th, 9th, 10th, 19th, 20th and 25th. Mean temperature of 13 Septembers  $62^{\circ}.15$ , 1878 being the warmest,  $66^{\circ}.59$ , and 1868 the coldest,  $55^{\circ}.78$ . Mean precipitation for 12 years 3.15 inches—1868 the wettest, 7.16 inches, and 1877 the driest, 0.47 inches, and 1879 the next driest.

MARENGO—JOHN W. JAMES, Observer: Thunder storms on the 27th. Frosts September 5, 8, 9, 19, 20, 24 and 25. Solar halos on the 5th and 11th. Mean temperature of September  $3^{\circ}.2$  lower than usual—only 1866 and 1868 were colder, 1871 and 1875 were about the same. In 18 years only three times before has the maximum temperature for September failed to go higher than  $82^{\circ}$ , and but twice before has there been as great difference in the mean temperature of August and September— $11^{\circ}.3$ . Rainfall 2.95 inches lower than usual—'69, '71 and '77 only, in 18 years, were drier.

ELGIN—E. L. GIDDINGS, Observer: Hail on the 27th. Frosts September 5, 8, 9 and 10.

CHICAGO—JOHN G. LYNCH, U. S. A., Observer, Greatest velocity of wind 28 miles, from southwest. Total movement of wind 4,895. Comparing temperature of 5 years, only that of '75 was lower,  $61^{\circ}$ , '76 the same,  $61.5$ , '77  $66^{\circ}.6$ , '78  $66^{\circ}.3$ . Average precipitation for 5 years 2.664 inches—1875 being the wettest, 4.39 inches, and 1879 the driest.

LYNDON—S. A. MAXWELL, Observer: Thunder storms on the 11th and 23d. Frost September 9, 14, 20, 21, 25 and 26. Meteors on the 10th. Less thunder storms and more frosts than usual. No north or east wind recorded during the month.

PEORIA—FRED. BRENDAL, Observer: Thunder storms on the 1st, 11th, 23d and 27th.

AUGUSTA—S. B. MEAD, Observer: Thunder storms on the 11th, 22d, 23d and 27th. Light frosts on low ground September 14, 20, 24 and 25.

SPRINGFIELD—T. B. JENNINGS, U. S. A., Observer: Total movement of wind 5,954 miles. Highest velocity 41 miles, from the north, on the 23d. Solar halos on the 15th and 28th. Lunar halo on the 27th. Frosts on the 8th, 9th, 14th and 25th. Greatest daily range of temperature  $24^{\circ}.5$ , least  $13^{\circ}$ .

DECATUR—J. STEBBINS KING, Observer: Thunder storm on the 23d. Light frosts September 5, 14, 18, 20 and 24.

MT. STERLING—WM. W. BOWER, Observer: Thunder storm on the 11th, 22d, 23d and 27th. Light frosts 14th, 20th, 24th and 25th. Heavy frost in places on the 25th. Lunar halo on the 29th at 8 P. M., very beautiful.

ST. MARIE—JAMES PICQUET, Observer: Thunder storm on the 7th. Frosts on the 24th and 25th. Lunar halo on the 28th. This month remarkable for the absence of any great disturbing storms or rains.

LOUISVILLE—D. H. CHASE, Observer: Lightning in the horizon on the 6th, and 12th. White frosts on the 25th and 26th.

UPPER ALTON—W. LEVERETT, Observer: Thunder storm on the 27th. Light frost on the 24th, and heavy on the 25th. A gale of wind on the 23d, from 4 to 7 P. M.

GOLCONDA—J. E. Y. HANNA, Observer: Thunder storms on the 1st, 7th and 10th—on the 7th accompanied by hail. Frost on the 25th.

*SUMMARY of Meteorological Observations for the month of October, 1879, made to the Illinois Department of Agriculture, Springfield, November 1, 1879. Hours for taking Observations: 7 A. M., 2 P. M. 9 P. M.*

STATIONS.	THERMOMETER.						BAROMETER.						WIND.		RAIN.		No. of days on which cloudiness averaged 0.8 or more.....	Relative humidity.....	Deg.
	Highest.....	Lowest.....	Mean.....	Range of.....	Highest daily mean.....	Lowest daily mean.....	Highest.....	Lowest.....	Mean.....	Range of.....	Highest daily mean.....	Lowest daily mean.....	Dir.	M's.....	Days on which rain fell.....	Total rainfall.....			
Fect.	Deg.	Deg.	Deg.	Deg.	Deg.	Deg.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Dir.	M's.....	No.	Inch.	No.	
NORTHERN DIVISION.																			
<i>County. Post Office.</i>																			
Winnebago.....Durand.....	738	88	20	56	68	75	31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Boone.....Belvidere.....	810	90	20	58	70	78	27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kane.....Elgin.....	777	84	25	57	69	77	29	29.75	28.80	29.31	.95	29.72	28.95	.....	.....	.....	.....	.....	.....
McHenry.....Marengo.....	925	86	20	57	66	75	26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cook.....Chicago.....	637	84	28	60.5	56	77	32.5	30.635	29.607	30.086	1.048	30.574	29.761	.....	.....	.....	.....	.....	.....
Whiteside.....Lyndon.....	540	94	24	59	70	76	28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Henry.....Geneseo.....	650	85	16	57	69	74	22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
CENTRAL DIVISION.																			
Peoria.....Peoria.....	460	90	26	63	64	79	32	30.230	29.383	29.760	0.847	30.209	29.480	.....	.....	.....	.....	.....	.....
Hancock.....Augusta.....	681	86	23	60	63	78	29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sangamon.....Springfield.....	640	88	29	52	59	77	35	30.65	29.69	30.13	.96	30.60	29.81	.....	.....	.....	.....	.....	.....
Macon.....Decatur.....	684	90	26	62	64	79	34	30.590	29.651	30.031	.989	30.525	29.763	.....	.....	.....	.....	.....	.....
Brown.....Mt. Sterling.....	525	89	29	63	60	80	35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
SOUTHERN DIVISION.																			
Clay.....Louisville.....	500	94	24	56	70	78	34	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper.....St. Marie.....	92	92	25	63	67	79	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Madison.....Upper Alton.....	725	88	30	63	58	78	36	30.50	29.95	30.236	.55	30.49	30.04	.....	.....	.....	.....	.....	.....
Pope.....Golconda.....	90	90	34	64	56	79	42	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

## REMARKS FOR OCTOBER.

DURANT.—C. A. STARR, Observer : Frosts Oct. 19, 20, 21, 24, 25, 27, 30 and 31. Lunar halo at 5 A. M. on the 6th.

BELVIDERE.—G. B. MOSS, Observer : Heavy rain on the 2d ; breaking severe drouth of six weeks. Frosts 20, 21, 24, 25, 30 and 31. Beautiful meteor in northwest at 6 P. M. Mean temperature of twelve years  $47^{\circ}.76$  ; 1879 being  $4^{\circ}$  warmer than any other October,  $58^{\circ}.12$ . Mean of first half of month,  $72^{\circ}.04$ , which is about  $12^{\circ}$  above the mean of September, and about the mean of August last. Precipitation of October one-tenth of an inch above the mean of twelve years, 1877 being the wettest, 6.87 inches, and 1868 the driest, 0.65 inches.

ELGIN.—E. L. GIDDINGS, Observer : Lunar halo at 1 A. M. on the 7th. Very warm from the 1st to 16th, being summer heat.

MARENGO.—JOHN W. JAMES, Observer : Frosts on the 20, 27, 29 and 31. Solar halo on the 27th. Lunar Halo on the 3d and 7th. Polar bands on the 26th. The mean temperature of October has been  $10^{\circ}.2$  higher than usual, and  $5^{\circ}.7$  above the warmest October recorded here. On the 6th the mean temperature was  $86^{\circ}.5$ , the highest of any October day on record here. Mean temperature 1st to 16th,  $70^{\circ}.4$  ; 17th to 31st,  $42^{\circ}.5$ , a difference of  $27^{\circ}.9$ . The first 16 days were  $1^{\circ}.1$  warmer than an August average, and but  $0^{\circ}.9$  below the usual average of July here. The rainfall has been 0.94 inch less than usual.

CHICAGO.—JOHN G. LYNCH, U. S. A., Obs'r : Greatest velocity of wind 20 miles, from northwest. Total number of miles traveled the month, 4,625. Number fair days, 18 ; clear, 6 ; cloudy, 7 days. Comparative temperature : 1875,  $48^{\circ}$  ; 1876,  $49^{\circ}.04$  ; 1877,  $55^{\circ}$  ; 1878,  $51^{\circ}.7$ . The temperature for 1879 being  $12^{\circ}.5$  above that of '75, and  $8^{\circ}.25$  higher than the average of the four previous years. Comparative precipitation : 1875, 4.36 inches ; 1876, 1.20 ; 1877, 6.51 ; and 1878, 5.17 inches ; the rainfall for 1879 being 1.59 inches less than the average of the four previous years.

LYNDON.—S. A. MAXWELL, Observer : Thunderstorm on the 2d. The first half of the month remarkable for high temperature. But twice during the past 15 years has the temperature risen, in October, to  $90^{\circ}$  ; October 3, 1873, and October 10, 1878. On the 13th a very brilliant meteor occurred at 7 :05 P. M. It appeared about one-fourth as large as the full moon ; moved from southeast to northwest, in an almost horizontal direction, through the lower part of the constellation Cassiopeiæ. It lasted not more than five seconds, and showed very distinctly the colors, blue, red and yellow.

PEORIA.—FRED. BRINDLE, Observer : Thunderstorm on the 12th.

AUGUSTA.—S. B. MEAD, Observer : Thunderstorm on the 12th. Frosts October 19, 20, 21, 24, 25, 30 and 31. Highest temperature,  $86^{\circ}$ , on the 9th.

SPRINGFIELD.—T. B. JENNINGS, U. S. A. Observer : Thunderstorm on the 12th. Frosts 20, 21, 23, 24, 25, 26, 30 and 31. Solar halos on the 11th and 26th. Lunar halos on the 6th and 26th. Meteor on the 23d. Maximum velocity of wind 28 miles on the 23d, from northwest. Total movement of wind, 5,831 miles. Highest temperature on the 2d and lowest on the 31st.

DECATUR.—J. STEBBINS KING, Observer : Thunderstorm on the 12th. Frosts October 20, 21, 23, 24, 25, 26, 27, 30 and 31. Ice formed  $\frac{1}{4}$  inch on the 31st.

MT. STERLING.—WM. W. BOWER, Observer : Thunderstorms on the 10th and 12th. Frosts, October 20, 21, 23, 24. Lunar halos, at 9 P. M., on the 26th and 29th. Wild geese flying south at 8 P. M. on the 24th.

ST. MARIE.—JAMES PICQUET, Observer : Thunderstorms on the 10th and 11th. Lunar halos on the 2d and 4th. The peculiarity of the month is the high temperature of the first fifteen days—the highest being  $92^{\circ}$  and the lowest  $65^{\circ}$  ; mean,  $76.33^{\circ}$ . The last sixteen days were very cool—lowest,  $25^{\circ}$  ; mean,  $51.22^{\circ}$ .

UPPER ALTON.—W. LEVERETT, Observer : Thunderstorms on the 10th and 12th. Frosts : Light, October 18 and 19 ; heavy, 21, 24, 26, 30 and 31. Strong wind on 2d,  $4\frac{1}{2}$  to  $5\frac{1}{2}$  P. M. Fog, mornings of 13th, 22d and 27th. Wells and cisterns becoming exhausted in some localities in town and vicinity.

GOLCONDA.—J. E. Y. HANNA, Observer : Thunderstorms on the 3d and 11th. Frosts, 24th, 25th, 26th, 30th and 31st ; first to kill vegetables on upland on the 24th. First ice formed on 31st. Lunar halo on the 29th. Brilliant lunar rainbow at 7 P. M. on the 2d.





## REMARKS FOR NOVEMBER.

DURAND—C. A. STARR, Observer: Thunder storm on the 11th. One inch snow fell on the 1st, and two and one-half inches fell on the 28th.

BELVIDERE—G. B. MOSS, Observer: Thunder storms on the 10th, 11th, 27th and 28th. Lunar halo on the 22d from 6 to 7 P. M.; wind southwest. Mean temperature of 12 years  $32^{\circ}.42$ , 1870 the warmest,  $36^{\circ}.62$ , and 1873 the coldest,  $24^{\circ}.87$ . Mean temperature of Autumn  $51^{\circ}.59$ , being the warmest in 12 years, and 1869 the coldest,  $43^{\circ}.59$ . Mean of 12 autumns  $47^{\circ}.57$ . Precipitation of autumn 9.53 inches. Mean of 12 autumns 8.25 inches—that of 1868 the wettest, 11.17 inches, and 1872 the driest, 3.96 inches. Precipitation of November, 1879, 5.89 inches. Mean of 12 Novembers 2.44 inches—1878 the driest, 0.82 inches, 1879 the wettest. Not an entire day of Indian summer this fall.

MARENGO—J. W. JAMES, Observer: Thunder storms on the 10th, 11th and 27th. Frosts on November 1, 5, 15, 16, 18, 25, 26, 28 and 30. Solar halo on the 8th, 11 A. M. to 4:15 P. M. Thermometer  $70^{\circ}$  at 2:15 P. M. Lunar halos 22d and 23d. Mean temperature November, 1879  $1^{\circ}.3$  higher than usual, and its precipitation nearly three times the usual amount. Heavy thunder shower evening of the 10th; some damage by lightning. Mean temperature of Autumn  $49^{\circ}.8$ , or  $2^{\circ}.8$  higher than usual. Total precipitation 7.88 inches, or .20 inches more than usual. In 18 years 3 autumns have been warmer, and 9 wetter.

ELGIN—E. L. GIDDINGS, Observer: Lunar halo at 11 P. M. on the 23d. Two and one-fourth inches snow fell on the 2d, and one inch on the 28th.

CHICAGO—JOHN G. LYNCH, U. S. A., Obs'r: Greatest velocity of wind 26 miles, and total movement for the month 5,354 miles. Mean temperature November, 1875,  $37^{\circ}.3$ ; 1876,  $39^{\circ}.2$ ; 1877,  $40^{\circ}$ ; 1878,  $43^{\circ}.6$ , and November, 1879,  $42^{\circ}.01$ . Precipitation November, 1875, .74 inches; 1876, 3.25 inches; 1877, 6.08 inches; 1878, .83, and 1879, 4.93 inches.

ELMIRA—O. A. BLANCHARD, Observer: Highest temperature  $71^{\circ}$ , at 2 P. M. on the 8th and 11th, and lowest  $9^{\circ}$ , on the 20th, at 9 P. M. Lunar halo at 4:30 P. M. on the 23d. Parhelion at 4:30 P. M. on the 29th. Diffuse lightning on the 10th, 11th and 12th. Distant thunder in the northwest, at 2 P. M., on the 26th.

PEORIA—FRED. BRENDL, Observer: Thunder storms on the 10th and 14th. Frosts November 1, 2, 3, 4, 19, 20, 21, 22, 23, 24, 25, 29 and 30.

AUGUSTA—S. B. MEAD, Observer: Thunder storms on the 10th and 27th. Frosts November 1, 2, 3, 4, 16, 19, 20, 21, 22, 23, 24, 25 and 29.

SPRINGFIELD—T. B. JENNINGS, U. S. A., Observer: Highest temperature,  $76^{\circ}$ , on the 11th, and lowest,  $20^{\circ}$ , on the 3d and 20th. Solar halos on the 22d and 30th. Frosts November 1, 3, 16, 19, 25, 29 and 30. There were 10 clear and 21 fair days. Highest velocity of wind 38 miles, northwest. Total movement of wind 7,595 miles.

DECATUR—J. STEBBINS KING, Observer: Thunder storms on the 12th, 14th and 26th. Frosts on November 1, 2, 3, 4, 16, 19, 20, 21, 22, 23, 24, 29 and 30. Lunar halos on the 24th and 28th.

MT. STERLING—WM. W. BOWER, Observer: Thunder storms on the 11th, 14th, 26th and 27th. Frost on the 15th. A violent gale of wind accompanied by rain during the afternoon of the 8th, and a strong gale from north to northwest on the evening of the 19th.

ST. MARIE—JAMES PICQUET, Observer: Thunder storms on the 13th, 14th and 28th. Hail on the 27th. Frosts November 1, 3, 4, 5, 16, 19, 20, 21, 22, 23, 24, 29 and 30. A heavy wind at day break on the 14th did considerable damage in this neighborhood by unroofing barns, demolishing hay and straw stacks, etc. The wind followed a southwest direction, and seemed confined to narrow lines, not more than half a mile wide.

UPPER ALTON—W. LEVERETT, Observer: Thunder and lightning evening of the 4th and night of the 10th, and heavy thunder shower night of 27th. Frosts November 1, 2, 3, 4, 16, 18, 19, 20, 21, 22, 23, 24, 25, 29 and 30.

GRAYVILLE—J. L. RHINEHART, Observer: First five days cold, thermometer continuing as low as  $20^{\circ}$ , then warmer until about the 20th, when the weather again became colder, and continued until close of month. On the 19th a heavy gale of wind from northwest, lasting nearly all night, but doing no material damage in this section.

GOLCONDA—J. E. Y. HANNA, Observer: Thunder storms on the 14th and 17th. Frosts Nov. 1 to 5, 16, 19, 20, 21, 22, 24, 29 and 30. Lunar halo on the 5th. Rainbow 7 A. M. on the 13th. Strong gale of wind from northwest at 2:30 P. M. on the 14th. Highest temperature  $80^{\circ}$ , on the 12th, and lowest  $23^{\circ}$ , on the 4th.

*SUMMARY of Meteorological Observations for Month of December, 1879, made to the Illinois Department of Agriculture, Springfield, January 1, 1880. Hours for taking Observations: 7 A. M., 2 P. M., 9 P. M.*

STATIONS.	THERMOMETER.						BAROMETER.						WIND.		RAIN AND SNOW.		No. of days on which cloudiness averaged 0.8 or more.....			
	Highest.....		Lowest.....		Mean .....		Range of.....		Highest daily mean.....		Lowest daily mean .....		Prevailing.....		Days on which rain or snow fell .....		Total rainfall or melted snow .....		Depth of snow at close of month.....	
	Deg.	Deg.	Deg.	Deg.	Deg.	Deg.	Deg.	Deg.	Deg.	Deg.	Deg.	Deg.	Direc.	M's	No.	Inch.	Inch.	Inch.	No.	
NORTHERN DIVISION.																				
County. Post Office.																				
Winnebago.....	798	55	-20	20	75	50	-10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Boone.....	810	58	-16	22	70	49	-8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
McHenry.....	925	58	-16	21	74	51	-7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kane.....	777	54	-10	23	64	51	-3	29.60	28.70	29.23	0.96	29.52	28.77	St. Louis	4	10	1.59	1	10	.....
Cook.....	657	62	-2	30	64	54	+5	30.498	29.463	30.068	1.036	30.431	29.598	St. Louis	4	17	2.47	0.94	0.25	11
Whiteside.....	600	56	-14	24	70	52	0	.....	.....	.....	.....	.....	.....	W	6	2	2.20	.....	.....	.....
Henry.....	.....	57	-14	23	71	50	-1	.....	.....	.....	.....	.....	.....	NW	2	.....	.....	.....	.....	.....
CENTRAL DIVISION.																				
Stark.....	.....	57	-14	22	71	51	-5	30.116	29.103	29.719	1.013	30.054	29.210	W	4	6	1.11	0.75	.....	.....
Peoria.....	460	62	-6	29	68	55	+4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hancock.....	681	54	-11	25	65	55	+0.5	30.573	29.504	30.118	1.075	30.495	29.579	NW	4	8	1.51	.....	10	21
Sangamon.....	640	62	-3	32	65	55	+7	30.454	29.408	30.035	1.016	30.414	29.538	NW	4	14	2.88	.....	.....	.....
Macomb.....	684	63	-6	30	69	57	+1	.....	.....	.....	.....	.....	.....	W	14	14	4.28	0	12	.....
Brown.....	525	60	-5	29	65	53	+5	.....	.....	.....	.....	.....	.....	SE	4	11	1.80	.....	15	.....
SOUTHERN DIVISION.																				
Marion.....	.....	58	+2	35	56	51	+6	.....	.....	.....	.....	.....	.....	n w & e	5	5	3.00	0.5	26	.....
Clay.....	500	60	+4	39	56	49	+10	.....	.....	.....	.....	.....	.....	N	5	10	3.20	.....	20	.....
Madison.....	725	60	+2	32	58	55	+7	30.54	29.39	30.19	.....	.....	.....	N	5	9	3.82	.....	29	.....
Jasper.....	.....	63	+5	33	58	59	+8	.....	.....	.....	.....	.....	.....	W	6	13	3.09	0.25	18	.....
White.....	.....	70	+6	38	54	55	+12	.....	.....	.....	.....	.....	.....	W	5	12	6.00	.....	15	.....
Pope.....	64	.....	+7	38	57	60	+8	.....	.....	.....	.....	.....	.....	S	3	13	8.61	.....	18	.....



## REMARKS FOR DECEMBER.

DURAND.—C. A. STARR, Observer: Thunderstorm on the 9th. Aurora on the 14th; a single stream, northeast, reaching an altitude of 45°. Excellent sleighing at close of month.

BELVIDERE.—G. B. MOSS, Observer: Thunderstorm on the 9th. Few meteors seen on the 31st. Average mean temperatures of thirteen December, 22.13°; 1877 the warmest, 39.22°, and 1876 the coldest, 11.27°. Average precipitation of twelve Decembers, 1.88 inch—1874 the driest, 0.44 inch, and 1873 the wettest, 4.07 inches. Total precipitation in 1879, 35.36 inches. Average in eleven years, 34.09 inches. Total snowfall in 1879, 46.40 inches. On eighty-nine days in 1879 the precipitation exceeded 0.01 inch. Direction of the wind in 1879—the figures give the total number of times in each direction—N., 96; NE., 129; E., 55; SE., 69; S., 160; SW., 258; W., 82; NW., 188; still air, 58. Total number of observations, 1095. Maximum temperature 1879, July 15th, 97°; minimum temperature, January 3, 24°; total range, 121°. Maximum daily mean of 1879, July 15, 83.18°; minimum daily mean, January 2, 18.62°; a range of 101.80 deg. Highest temperature in December, 58 deg., at 9 P. M. on the 9th; and the lowest, 16 deg., at 7 A. M. on the 18th; being the lowest since February 27th, when it was 21 deg.

MARENGO.—JOHN W. JAMES, Observer: Frosts every day, except 2d, 5th and 6th. Solar halo on the 7th, 2 P. M. Parhelia, 4:30 P. M. on the 10th; 8 A. M. and 3:45 P. M. on the 11th, and at 8:50 A. M. on the 25th. Mean temperature of December 1.1 deg. lower than usual. The range of the thermometer has been the longest I have recorded here for this month. Total precipitation, 0.51 inches less than usual. The mean temperature of the year 1879 has been 45.08 deg., or 0.4 above the usual mean. Highest temperature, 93 deg., on July 14th; lowest, 24 deg., on January 3d; range, 117 deg. Prevailing winds, south and northwest. Total precipitation for the year, 32.32 inches, or 0.95 inch less than usual.

CHICAGO.—JOHN G. LYNCH, U. S. A., Observer: Greatest velocity of wind, twenty-five miles per hour, southwest; total movement the month, 6154 miles. Comparative temperature of five Decembers: 1875, 37 deg.; 1876, 19.9 deg.; 1877, 43.13 deg.; 1878, 24.18 deg.; 1879, 30.4 deg. Precipitation of five Decembers: 1875, 2.62 inches; 1876, 0.48 inch; 1877, 2.75 inches; 1878, 2.58 inches; 1879, 2.47 inches.

LYNDON.—S. A. MAXWELL, Observer: Thunderstorm on the 9th. Rock river closed above the dam on the 12th, and below the dam on the 25th.

ELMIRA.—O. A. BLANCHARD, Observer: Highest temperature, 57 deg., at 2 P. M. on the 5th; lowest temperature, 14 deg., 7 A. M. on the 25th. Diffuse lightning 6 A. M. on the 7th. Parhelia, 7:55 A. M. on the 11th, 8 A. M. on the 13th, and near sunset; very bright on the 24th.

PEORIA.—FRED. BRENDL, Observer: Frosts on the 7th and 8th, and from the 10th to the 31st.

AUGUSTA.—S. B. MEAD, Observer: Frosts every day in the month. Lunar halos on the 20th, 26th and 29th.

SPRINGFIELD.—T. B. JENNINGS, U. S. A., Observer: Highest temperature, 62 deg., on the 9th and 10th; lowest, 3 deg., on the 25th. Greatest daily range of temperature, 32.5 deg., on the 10th; least daily range, 5 deg., on the 31st. Highest velocity of wind, and direction: 27 miles, south. Total movement of wind, 7046 miles. Lunar halos on 2d, 26th and 27th. Frosts, December 7, 12, 13, 26 and 27.

DECATUR.—J. STEBBINS KING, Observer: Thunderstorms, 9th, 10th and 21st. Frosts every day, except 2d to 6th, 29th and 31st. Lunar halos on 1st and 27th.

MT. STERLING.—WM. W. BOWER, Observer: Sheet lightning on the 9th. Hail on 21st and 30th. Lunar halos on 1st and 27th.

LOUISVILLE.—D. H. CHASE, Observer. Thunderstorms on the 9th and 31st, and hail on the 14th.

UPPER ALTON.—W. LEVERETT, Observer: Thunderstorms: from 1:15 to 2 P. M. on the 9th, and at 3:15 P. M. on the 21st. Hail, at 1:15 and at 9 P. M. on the 9th. Lunar halos: small one on the 1st, and a large one on the 27th. Last ten or twelve days of the month "all out doors coated with ice."

ST. MARIE.—JAMES PICQUET, Observer.—Thunderstorms on the 10th and 22d. Lunar halo on the 2d. The month has been remarkable for cloudiness, there being only six clear days. Roads splendid until the 29th.

GRAYVILLE.—J. L. RHINEHART, Observer: Thunderstorm on the 8th. Hailstorm on the 24th. Light snows on the 14th and 25th.

GOLCONDA.—J. E. Y. HANNA, Observer: Thunderstorms on the 10th and 23d. A gale from the southwest at 4 A. M. on the 10th. December has been unusually wet—one rainfall measuring 3.39 inches.

## CORRESPONDENT'S REMARKS.

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**ADAMS.**—The acreage of Winter Wheat is much larger than last season. The condition is not up to an average, owing to the dry weather during the fall. In some localities the Wheat was injured by the fly. Winter Rye is in good condition and the acreage is about the same as last season. Corn is of excellent quality, and the yield per acre is much above an average. The number of Hogs ready for market is less than for corresponding time last season. The supply of Beef Cattle is about the same as in December, 1878. Mutton Sheep have been in great demand, and there is a limited supply. The loss of Hogs by cholera is not large, and is principally confined to small pigs. The flocks of Sheep have either been better cared for or the dogs have been watched more carefully, as very few Sheep have been killed the past season.

**ALEXANDER.**—Winter Wheat looks very promising, and with favorable weather will soon be up to a good average in condition. The acreage is larger than last season. Winter Rye is looking well, and the area about the same as last season. Corn was saved in good order, and the yield per acre is up to an average. Hogs, Sheep and Cattle ready for market have brought good prices, and there is a limited supply on hand, compared with other years. There has been considerable loss this season from Hog cholera—some localities have suffered largely, while other sections of the county have been comparatively free from the disease. The weather has been very unfavorable for farm work during the months of November and December, owing to excessive rains. Farm crops find a ready market at good prices, and farmers express great hope for the future.

**BOND.**—The condition of Winter Wheat is unusually promising, and in some localities the rank growth made it necessary to pasture. The acreage is much larger than last season, and there are few complaints of injury by the Hessian fly. Very little Winter Rye grown in this county; the acreage about same as last year; the condition is up to a good average. Corn was saved in good condition; the yield per acre is more than double that of last season, and is much above the average for this county; weather has been favorable for husking and cribbing. Young Horses during the past season have suffered from a sort of distemper which prevailed in many parts of the county. A caterpillar, peculiar to Walnut trees, has infested those near houses, but has not been seen on such trees in the forest. Hog cholera has been quite severe in some portions of the county; the disease has been confined principally to pigs and young shoats. The supply of marketable Hogs is less than last season; the price of pork is better than last season. Beef Cattle have been marketed more rapidly this season than last, and the supply is less than for same date in 1878.

**BOONE.**—There is a very large increase in the acreage of Winter Wheat over last year, and the condition is above an average. Winter Rye is looking well: the area is larger than last season. Corn is bringing a good price, and the average yield per acre for the county is about as large as last season. Farm Animals are generally healthy and in good condition. The supply of marketable Hogs is much less than usual for the season. Fat Cattle have been marketed more freely than usual, and the supply is limited. Considerable attention is being paid to Sheep Husbandry, and the returns are very encouraging. The acreage of Orchards in the county is less than last year.

**BROWN.**—The Winter Wheat acreage is much larger than last season, and the condition is nearly up to an average. There is a smaller area of Winter Rye than in 1878, and the condition is nearly up to an average. Corn has generally been saved in excellent condition, and the yield is much better than in 1878. Farm animals are healthy and in good condition. The loss from Hog cholera has been small. There are not as many Fat Hogs ready for market as last season at this date. The supply of Cattle is not up to that of 1878 for corresponding season. There is more interest in Sheep breeding than heretofore, and the number ready for market is larger than usual.

**BUREAU.**—Winter Wheat was sown more extensively this season than heretofore, and the crop is looking well. Winter Rye is above an average in condition and the acreage is larger than last season. Corn is nearly all cribbed in excellent condition and the yield per acre is more than last season; there is some complaint that the corn is loose on the cob and of light weight. There has been some loss by Hog cholera, which, with the reduced number of Hogs fatted for market, leaves a limited supply on hand compared with same date in last season. The supply of Fat Cattle and Sheep preparing for market is about the same as usual. The weather has been generally favorable for gathering corn and for farm work.

**CALHOUN.**—Winter Wheat is up to an average in condition; the present acreage is larger than that of last season; in some localities there has been complaint of injury by the Hessian fly. Winter Rye looks promising; the acreage is about the same as last year. The average yield of Corn per acre for the county is much larger than last season, but is not up to estimates made previous to cribbing; the quality in many localities is very inferior. There is no disease among farm animals worthy of note, and the condition is good. The supply of fat Hogs is less than usual for this season. Beef Cattle on hand in about the same number as last year at this date. The yield per acre of Irish and Sweet Potatoes is below an average.



**CARROLL.**—The condition of Winter Wheat is promising, and the acreage is much larger than heretofore. The area of Winter Rye is not as great as last season; the condition is up to a good average. The yield of Corn per acre is good, some better than last season, and the crop is bringing a paying price. There has been considerable loss from hog cholera in many parts of this county. The supply of marketable Hogs is much less than for the same time last season. Beef Cattle have been shipped more freely than heretofore, and the supply on hand is limited. The loss of sheep by dogs this season has been more than usual. The yield per acre of Irish and Sweet Potatoes was good.

**CASS.**—The condition of winter wheat is much below an average, owing to the long continued drouth during the fall; in some localities there has been some complaint of injury, the result of Hessian fly; the acreage is much larger than last season; since the late rains the condition is improving rapidly and prospects are encouraging for a larger crop of wheat than that of the past year. There is but little change in the area of Rye when compared with 1878; the condition is improving, and with continued favorable weather will soon be up to a good average. There has been considerable Hog cholera the past season in some localities, confined mainly to spring pigs; the supply of marketable Hogs is very limited. The number of Fat Cattle ready for market is much below that of 1878 for corresponding date.

**CHAMPAIGN.**—The condition of Wheat is above an average, and the acreage is largely increased when compared with 1878; some complaint of damage by fly. The acreage of Winter Rye is not so large as last season; the condition is good. The greater part of the Corn crop has been saved in good condition; the yield per acre is larger than for many years, and the price is correspondingly good. Farm animals are generally healthy and in good condition; very little complaint of loss of Hogs by disease. The supply of Hogs on hand is much below that of former years at this time. Beef Cattle have been sold off closer this season than for some years; the average weight of Cattle shipped to market is less than usual.

**CHRISTIAN.**—The Hessian fly has injured some Wheat fields, but the general outlook is very favorable for an average yield on a largely increased acreage, compared with the past season. There was very little Winter Rye sown this fall; the condition is promising. Corn is of good quality, and has been saved in good condition. The average yield per acre is much above that of several previous years, and is bringing good prices. There has been but little complaint of loss from so-called hog cholera; there is a very limited supply of fat Hogs ready for market, compared with last season. There are more fat Cattle on hand than usual, and they are in good condition for market. The supply of fat Sheep on hand is equal to that of previous years. Farm animals are generally healthy and in good condition.

**CLARK.**—Unusual care was taken in preparing seed bed for Winter Wheat, which is in good condition and promises well. The acreage is much larger than last season. Winter Rye is looking well; the area is not equal to that of last season. The yield per acre of Corn is larger than for some years, and the demand is good at paying prices; in some localities the quality is not A No 1, owing to the very hot weather in the ripening season, which accounts for light weights. Farm animals are generally healthy and in good condition, excepting the usual loss from hog cholera. The supply of

Hogs ready for market is much less than last season. Beef Cattle are not as abundant as at same date last season. Fat Sheep have been in good demand, and the supply is limited. There was little injury to crops from insects; the early sown Wheat, in some localities, was injured by the fly. Weather, excepting the hot, dry spell in October, has been favorable for farm work; rainfall, in October, 1.87 inches. November, 5.73 inches; December, to 20th, 3.20.

**CLAY.**—Winter wheat is looking fine, and the prospect for a large crop has not been better for years; the area seeded to this crop largely exceeds that of the previous year. Winter Rye is looking well; the crop is not grown to any great extent in this county. Corn is about gathered; the yield per acre was reduced by the chinch bug, which in some localities seriously injured the crop; the average yield for the county is better than last year. There is no complaint of diseases among farm animals; the usual loss of pigs reported from cholera. The supply of Fat Hogs for market is about the same as in past years at this time. Fat Cattle supply is not as large as last season. More Sheep ready for market than for some years.

**CLINTON.**—Winter Wheat is in fine condition, and the prospect is flattering for a very large crop; the acreage has been largely increased, when compared with the previous year. There is not as much Winter Rye sown as last season; the condition is nearly up to an average. The yield of Corn per acre is much larger than last season; the excessive rains have beat down the Corn, and made it impossible for some time to get into the field to gather the crop, which has occasioned considerable loss. Farm animals are healthy and in good condition, with the exception of Hogs, which have suffered less than usual from cholera the past season.

**COLES.**—The acreage of Winter Wheat has been largely increased this fall and is better than an average condition; the tendency is to sow wheat to the partial exclusion of other equally important crops. Winter Rye is up to a good average in condition; the acreage is less than last year. The corn crop is much above an average in yield per acre, and the quality is good; the price is remunerative. Farm animals are healthy and in good condition, excepting the usual loss by hog cholera, which is confined principally to pigs and shoats. Fat hogs have been marketed more closely than usual, and there is a very limited supply. There are not as many Fat Cattle ready for market as last season. The same may be said of Fat Sheep. Prices of Farm Products are much better than for some time, and farmers are much encouraged at the outlook.

**COOK.**—Winter Wheat is not up to an average in condition, and is backward in growth owing to the continued drouth the past fall; there is a slight increase in the acreage as compared with that of the previous year. The same may be said of Winter Rye. The Corn crop was much below a good average yield per acre; the cold dry spring and the severe frost in September reduced the yield, and much of the crop will not be in marketable condition. There is no complaint of disease among farm animals, except the usual loss of Hogs by cholera; and the percentage is small, compared with previous year. The injury from insects to the crops the past season has not been great: there was some injury to Spring Wheat by chinch bugs, and the cut worms injured Corn. There is a limited supply of Fat Hogs ready for market, and Beef Cattle have been marketed closer than usual.



**CRAWFORD.**—Winter Wheat is looking remarkably promising, and, with no unfavorable conditions, will make a full average yield per acre, on the largely increased acreage. The area of Winter Rye is about the same as last season, and the condition is good. The yield of Corn does not come up to expectation; much of it is soft, and loose on the cob, and the average yield per acre is comparatively small. There has been considerable complaint of loss of Hogs by disease in some parts of the county; other farm animals are healthy and in thriving condition; the supply of Fat Hogs is very much less than last season at this time. The supply of Beef Cattle is nearly equal to that of last season; the same may be said of Fat Sheep.

**CUMBERLAND.**—Winter Wheat is generally looking very well, and, with no unfavorable conditions, will make more than an average crop; the acreage is largely increased over last season. There is less Winter Rye sown than last season, and the condition is promising. Corn is all in crib, in good condition, and the average yield per acre is fair; there was some late Corn injured by early frost. Farm animals are generally healthy and in good condition; there has been some complaint of loss of Hogs by disease. The supply of marketable Hogs is less than last season at this time. Beef Cattle have been sold off closer than usual for this season. There is a good supply of Fat Sheep ready for market.

**DEKALB.**—An unusually large area has been sown to Winter Wheat the past fall; the fall was very dry, and Wheat has not made as vigorous growth as last season; the condition is about up to a good average. Winter Rye is looking better than usual; the acreage is the same as last season. Corn, notwithstanding the injury sustained early in the season, by drouth, turned out well, and the average yield per acre is much larger than last season. There was comparatively little injury to crops the past season by chinch bugs; some complaint of chinch bugs working on Corn and small grain. Hog cholera, in some localities, has caused some loss of pigs and small shoats. The supply of Hogs ready for market is much below that of December, 1878. Fat Sheep have found good sale, at remunerative prices, and the supply is not up to the average. Beef Cattle are in good condition, and the supply compares favorably with that of same time last season.

**DEWITT.**—Winter Wheat is in much better condition than usual; the growth is vigorous, and the ground is better covered than for years. The acreage seeded the past fall largely exceeds that of the previous season. Winter Rye is looking very well, and promises to make a large crop on the acreage sown, which is about the same as for 1878. Corn is nearly all gathered, and a larger proportion marketed than heretofore at this date; the yield per acre is much above an average, and the price per bushel is correspondingly high. Hog cholera is prevailing to considerable extent in some localities; other farm animals are healthy and in good condition. There is a full supply of Fat Hogs ready for market; and the same may be said of Fat Cattle and Sheep.

**DOUGLAS.**—There is a very large increase in the acreage of Winter Wheat sown the past season when compared with the previous acreage; the condition is promising, the crop having recovered from the effects of the dry weather after seeding. Less Winter Rye sown than heretofore; the condition is nearly up to a good average. Broom Corn was considerably injured by frost September 25th. The present Corn crop is the best raised in this county for years, and the demand at paying prices is inducing farmers to send the corn to market as rapidly as possible. Less complaint the past year of loss of hogs by

disease than common. Farm animals are generally in healthy condition. There is a limited supply of Fat Hogs ready for market. Fat Cattle and Sheep are equal to the demand, and the supply is about the same as last season.

**DUPAGE.**—There is more attention being paid to the culture of Winter Wheat than heretofore, and the acreage just sown is larger than for the previous year; the Wheat has been affected by dry weather during the months of September and October. There is less Winter Rye sown than for the previous year; the condition is not up to an average. The excessive dry weather reduced the Corn crop very much, the yield per acre is much below that of 1878. There was but little injury to the crops by insects the past season, except that of the white grub, which damaged Pastures, Meadows and Corn to a considerable extent. The loss of Hogs by disease is limited, and confined largely to pigs and shoats. The number of Hogs for market is less than last season, and the supply on hand is much below that of the corresponding date of 1878. Fat Cattle and Sheep have been sold off more freely than last season, and there is a limited supply on hand.

**EDGAR.**—There is a large increase in the acreage of Winter Wheat, and the crop is in excellent condition and promises an abundant yield. The condition of Winter Rye is good; the area is about the same as last season. The yield of Corn per acre for the county is some better than last season, but is below former estimates; some of the corn has not been gathered, and is being injured by the continued wet weather. There has been but little loss from disease among hogs. The supply of Hogs ready for market is much below that of last season at the same date. The demand for Fat Cattle and Sheep has reduced the supply usually on hand at this date. The prices of farm products have inspired producers with hope for better times.

**EDWARDS.**—The acreage of Winter Wheat is much greater than in 1878, and the condition is up to an average throughout the county. In some localities the Hessian fly has seriously injured the Wheat, and in several fields near Albion there are from one to six eggs in the root of the plant. The yield per acre of corn is much below expectations; much of the crop in localities was damaged by being blown down before it was matured; a very considerable amount of corn is either rotten, mouldy or of inferior quality. There is but little complaint of loss of Hogs by disease, and the loss is confined principally to pigs. Other farm animals are healthy and in good condition. The number of Hogs fatted for market is much below that of the previous year, and the supply of Fat Hogs on hand is much less than in December, 1878. There is a good supply of Beef Cattle ready for market, some being held for anticipated better prices in the near future. Fat Sheep have been sold more rapidly than usual, and the supply is limited.

**EFFINGHAM.**—Winter Wheat looks unusually promising, and the acreage is much larger than last season. Winter Rye is in good condition; the acreage about the same as last season. The Corn crop is good, the yield much above the average, some of the late planted is chaffy and loose on the cob; the largest average yield per acre reported is 104 bushels, raised near Moccasin. The injury to crops by insects is not extensive; Wheat sown early on Oat stubble was seriously injured by the Hessian fly. Farm animals are unusually healthy, and in thriving condition. The supply of Fat Hogs ready for market is nearly up to that of the previous season at the same date. Beef Cattle and Fat Sheep have been

marketed more freely than usual, and there is a limited supply on hand. The yield per acre of Irish Potatoes will compare favorably with that of the previous year. Sorghum is not grown extensively, but more interest is being given to the cultivation of the improved varieties, which have returned good profits this season.

**FAYETTE**—Winter Wheat is unusually good in condition, for the season, and is above an average; in some localities there is complaint of injury by the Hessian fly; the acreage is much larger than last season. Winter Rye is in promising condition; the average yield per acre is large, and the price received makes a large and much needed return to the producers. The 1879 Hog crop largely exceeds that of 1878, and there are now more Hogs on hand ready for market than in December, 1878. There has been some loss of Hogs in localities by disease, and there is more complaint of late than heretofore. There is a large supply of Fat Cattle ready for market. Fat sheep are not as plenty as last season at this time. Near Brownstown a number of Horses have died of a disease similar to lung fever. The Potato and Tobacco crops were fair to good. Present prices for Farm crops have greatly encouraged farmers.

**FORD**—Winter Wheat is receiving unusual attention, and the acreage has been largely increased the past season. The condition is nearly up to a good average. Winter Rye is nearly up to an average in condition; the acreage is less than last season. Corn is about all gathered, and a large proportion marketed; the yield per acre is much above the average, and the price is good. There has been but little complaint of loss of Hogs by disease. The supply of Fat Hogs, ready for market, is less than last December. Beef Cattle, ditto. The Irish Potato and Flax crop is about up to an average. Crops are bringing good prices, and farmers are happy.

**FRANKLIN**—The large Winter Wheat acreage of the previous season has been slightly increased the past fall, and is nearly up to an average condition; the crop has been injured on low flat land, by the wet weather, and, in some localities, the Hessian fly has done some damage. Winter Wheat has crowded out Winter Rye to a considerable extent, and the acreage is much less than previous year; the condition is not up to an average. The average yield of Corn per acre for the county is one-half greater than last season; the price has been good. The loss of Hogs by disease is not so large as in previous years; very few Hogs ready for market have been lost. The supply of Fat Hogs ready for market is less than in December, 1878. There is about the usual supply of Fat Cattle ready for market for the season. Fat Sheep are in demand, and the supply is limited. Tobacco and Irish Potato crop nearly up to an average in yield.

**FULTON**—There is a very large increase in the acreage of Winter Wheat, when compared with that of the last crop; this result was largely influenced by the profit attending the last crop. The condition is better than an average. Winter Rye is in very promising condition; the acreage is less than last season. The average yield per acre of Corn is much more than last season; in some localities, the yield is light, and the quality poor. There has been but very little complaint of loss of Hogs by disease. Notwithstanding the increased number of Hogs fattened for the 1879 market, the supply is less than for same date in 1878. Cattle and Sheep ready for market are in good demand, and the supply is limited, compared with previous years.

**GALLATIN**—Winter Wheat is generally looking fine, and, taken altogether, is up to a fair

average; a portion of the early sown Wheat was injured, in the fall, by the Hessian fly and rust. The present acreage exceeds that of the previous crop. Winter Rye is looking well, and the condition is promising. Corn was severely damaged by the wind prostrating it, and the wet weather which followed; nearly all the crop has been harvested, and the average yield per acre largely exceeds that of previous crop; the quality will not grade high. There is some Hog cholera in the county; more fatal with young pigs than older ones. The number of Hogs fattened for market is much below that of 1878, and the present supply on hand is less than in December, 1878. Beef Cattle ready for market are scarce. There is about the same number of Fat Sheep on hand as usual at this season.

**GREENE**—There has been a very large acreage sown to Winter Wheat the past fall, and the condition is very promising. The growth in general is rank, and many farmers have pastured the Wheat; there is but little complaint of injury by chinch bugs. The Corn crop has been saved in good condition, is of good quality; while the average yield per acre is much less than expected it is more than last season, and is bringing a good price. There has been but little complaint of loss of Hogs by disease the past season. The number of Hogs fattened for market this season is much less than last year, and the supply is very limited. The active demand for Beef Cattle and Sheep has induced farmers to sell closer than usual. Farm animals are generally healthy and in good condition.

**GRUNDY**—There is a slight increase in the acreage of Winter Wheat, and the condition is promising. The acreage seeded to Winter Rye this fall is less than in 1878; the condition is up to a good average. The yield of Corn per acre for the county is much better than last season, but hardly up to expectation. The early planted is of good quality, the late planting from fair to very poor. Very little complaint of loss of Hogs by disease; other farm animals are healthy and in good condition. There is a limited supply of Fat Cattle and Hogs ready for shipment. The supply of Fat Sheep on hand is about the same as usual at this season.

**HAMILTON**—The Hessian fly has injured some fields of Winter Wheat; the growing crop has improved in condition of late, and promises about an average crop; the acreage is much larger than last season. Very little Winter Rye raised in this county; the present acreage is less than last season; the condition is promising. The average yield of Corn per acre is much better than last season; in localities the Corn was badly prostrated with the wind, and damaged by the rains which followed. The loss of Hogs by disease, in some portions of the county has been very severe, and no remedy has proved effectual. Horses, Cattle and Sheep have been very healthy and are in thriving condition for the market, and have found ready sale; and the supply on hand is less than for years at this season. The Tobacco crop has been from fair to good, and the average yield per acre will compare favorably with previous years.

**HANCOCK**—A very large breadth of land has been sown to Winter Wheat; the dry weather since seeding and the Hessian fly has seriously damaged the growing crop; the condition is improving since the rains, but is still much below a good average. The acreage seeded to Winter Rye is less than last season; the condition is about up to a good average. The Corn crop was saved in good condition, is of excellent quality, and the average yield per acre is better than for some years. There has been considerable loss of Hogs by disease, mostly pigs and small shoats, and the supply for next season's market will be



small. The number of Hogs fatted for the 1879 market is much below that of the previous season: the crop has been marketed more freely than heretofore at this season. The supply of Fat Cattle compares favorably with that of previous years at this date.

**HARDIN**—The early sown Winter Wheat was injured by the Hessian fly and rust; the late sown looks much better; the condition of the crop is improving and bids fair to make a good crop: the acreage sown this fall is much larger than last season. Very little Winter Rye sown in the county; the condition is nearly up to an average. The yield of Corn per acre will average more than for years; the crop was greatly injured by being blown down and the wet weather succeeding; the quality is only moderate; in some localities one-fourth of the crop is not in merchantable condition. There has been but little Hog cholera in the county this season. Farm animals are generally in healthy, thriving condition. The supply of Fat Cattle and Sheep on hand fitting for market compares favorably with previous years at this date. Fat Hogs are scarce, and very few left for shipment.

**HENDERSON**—Winter Wheat is not up to an average in condition, owing to the dry weather which prevailed during the fall; the acreage is much larger than last season. Winter Rye is looking well; the present acreage is less than last season. Corn is about cribbed, was sown in good condition, and is of good quality; the average yield per acre is better than last season, and the price good. Farm animals are in good condition, and healthy as usual; the loss of Hogs by disease is confined principally to pigs. There is a very limited number of Hogs on hand being fitted for market. Beef Cattle are bringing good price: the supply is about up to that of former years at this date.

**HENRY**—The extreme cold weather and absence of snow has not been favorable for Winter Wheat; the acreage is nearly double that of last year, and, with favorable season, the next crop will be one of the largest ever harvested in the county. Winter Rye is in fair condition; the acreage is somewhat larger than last season. Corn was injured in many parts of the county by a severe frost, early in September, which reduced the average yield per acre of marketable Corn; the quality is from poor to medium. There is considerable complaint of loss of Hogs by disease in some localities; the pigs are effected in other sections; the Fat Hogs are the victims; parties exempt from the disease claim that where the Hogs are fed some cooked feed, and watered and salted regularly, the Hogs are healthy. The supply of Hogs being fitted for market is small, compared with same date previous years. Beef Cattle have been shipped closer than usual, and the number ready for market is limited. Farm animals, excepting Hogs, are healthy and in good condition.

**IROQUOIS**—The success attending the culture of the last Winter Wheat crop has induced many parties to sow the crop for the first time; the acreage is much larger than heretofore, and the condition is above an average. Winter Rye is looking well, and the acreage fully as large as last season. The average yield per acre of Corn is some better than last season; the crop is nearly all gathered, and an unusually large proportion marketed for the season. All diseases of Hogs are called cholera, and, from this cause, but few have died the past season. Fat Hogs have been in demand, and have been marketed more freely than usual. The supply of Fat Cattle and Sheep is about the same as last season at this date. The culture of Broom Corn and Flax receives some more attention in this county each succeeding

year; the average yield per acre of Flax Seed was only fair.

**JACKSON**—There is a small increase in the acreage of Winter Wheat, as compared with the previous crop; there is some complaint of injury by Hessian fly, and, on low, wet lands, by the heavy rains; the condition is from fair to excellent. Corn is of good quality; the average yield is the best for years; the demand for Corn is active, and the price good. Farm animals are healthy and in thriving condition. The supply of Fat Hogs, Sheep and Cattle is about the same as heretofore at this season.

**JASPER**—There is a splendid prospect for Winter Wheat, and the acreage has been largely increased over that of last season. Winter Rye is in good condition, and the acreage is about the same as last season. The drought injured the Corn crop, and largely reduced the expected yield, except on bottom lands; the quality is from fair to good. There is considerable complaint of distemper affecting horses, in some localities; pneumonia has been quite prevalent among horses. The loss of Hogs by disease has been severe in localities; not so many cases of late reported; other kinds of stock doing well. The injury from insects the past season has not been severe; the Hessian fly injured early sown Fall Wheat, and chinch bugs damaged a few fields of Corn. With the exception of Fat Sheep, the supply of fat stock ready for market is about the same as heretofore for this season of the year.

**JEFFERSON**—Winter Wheat is the leading crop in the county; the present acreage exceeds the large acreage of the previous year, and the condition is much above an average; the Hessian fly has injured some fields. The acreage of Winter Rye is not large in the county; the condition is promising. There is considerable Corn yet in the field, which, owing to the continued rain, and being prostrated by the wind, is damaged. The yield per acre is much above a good average. With the exception of some Calves, troubled with black-leg, farm stock has been unusually healthy this season, and the abundant crops have been used in putting animals in good condition. The Hog market has been brisk, and Fat Hogs have been shipped more freely than heretofore; the supply on hand is limited, compared with previous years. Beef Cattle are in good condition for market, and the supply compares favorably with same date last season. The number of Fat Sheep on hand, ready for market, is about the same as last season.

**JERSEY**—Winter Wheat is improving in condition, since the rains, and will soon be up to a good average; in some localities the Hessian fly damaged the early sown Wheat; the acreage is larger than last season, and, with favorable weather, the next Wheat crop will be immense. The Corn crop has nearly all been harvested; the average yield per acre is large; the quality is only medium; the dry weather, at the time of filling, injured the crop, and much of the Corn is light. Farm animals are healthy and in good condition! very little complaint of disease among Hogs. There was a large falling off from previous years in the number of Hogs fatted for market, and the number on hand is quite limited. Beef Cattle have been shipped more freely than usual, and there is a slight reduction in the number being fed for market, compared with same date last season. More attention is being paid to Sheep in the county, and the supply is equal to the increased demand, and remunerative prices are obtained.

**JO DAVIESS**—Winter Wheat that was sowed early is in excellent condition; the acreage of this



crop has been largely increased over the previous seeding, and the outlook is flattering. Less Winter Wheat sown than last season; the condition is nearly up to a good average. The 1879 Corn crop is the best for years, both as to quality and quantity; the price of Corn has done much to improve the finances of farmers in this county. Farm animals, excepting Hogs, are healthy and in thriving condition; the Hog cholera has been quite prevalent; more fatal to Pigs and young Sloats. The stock of Hogs being fattened for 1879 market is less than that of the previous season, and the supply in feeders' hands is quite limited. Beef Cattle and Fat Sheep are held in about the same number as heretofore at this season. Have had excellent weather for farm work, and timely rains before freezing up.

JOHNSON.—Winter Wheat is above an average in condition, and the present acreage exceeds that of last season. Corn was damaged by the continued rains, and the yield per acre for the county is much below an average. Farm animals are healthy and in fine condition for the season. The number of Fat Cattle, Sheep and Hogs, preparing for market, is about the same as last season at corresponding date. The yield per acre of Tobacco is below an average.

KANE.—Winter Wheat is improving, and, since late rains, has made a rapid growth, and will soon be up to a good average condition; the acreage is not as large as last season. Winter Rye is nearly up to an average in condition; the acreage about the same as last season. There is no prevailing disease among Cattle, except the abortion among Cows; other farm animals are healthy and in good condition, except the usual amount of disease among Hogs. The Hog crop of the county is less than for the previous year, and the number on hand for shipment is much below that of 1879 for the same date. The number of Fat Cattle and Sheep preparing for market is about the same as last season. Corn has generally been harvested; is of good quality, and the average yield per acre is fully up to that of the previous season's good crop; the price is very good.

KANKAKEE.—The success attending the growing of Winter Wheat in this county last season has induced a large number to experiment with the crop; the result is a largely increased acreage; the condition is improving, and will soon be up to a good average. Winter Rye is in good condition; the acreage is less than last season. The Corn crop turned out much below expectations; the dry weather during the growing season, and the early frost, injured many fields of late Corn. Farm animals are remarkably healthy, and in fine winter condition. Fat Hogs and Beef Cattle have been shipped more freely than usual, and the supply for future shipments is less than usual at this date. The average yield per acre of seed is up to that of former good crop.

KENDALL.—There has been very little Winter Wheat raised in the county heretofore; there is considerable increase in the acreage of the present crop over that of last season; the condition is improving, and is nearly up to a good average. There is a large increase in the acreage of Winter Rye over 1878, and the growing crop is in excellent condition. The Corn crop was seriously injured by the early frost, which largely reduced the yield of merchantable Corn per acre, and damaged the quality. Excepting disease among Hogs, farm animals are healthy and in thriving condition. The shippers have purchased freely of Fat Hogs, Cattle and Sheep, and have left a small supply

in feeders' hands for future demands. The fall season has been favorable for farming operations, and all kinds of work is well advanced.

KNOX.—The stand of Winter Wheat is good; the growth is not large, is well tilled; the present acreage is much larger than the previous crop. The prospect is very encouraging, and Wheat has seldom gone into winter in better condition. The acreage of Winter Rye is less than in 1878; the condition is up to an average. Corn is about all gathered, and excepting the late planting is sound and of good quality; the average yield per acre for the county is better than for some years, and the price has been satisfactory. Until the recent severe weather the Hog cholera in some localities has occasioned severe loss, some farmers having lost their entire herds of one and two hundred head. Excepting Hogs, farm animals have been free from disease, and are in good condition. The number of Hogs for the 1879 market is much below that of the previous year, and the supply in farmers' hands is much below that in previous years at this season. Fat Cattle and Fat Sheep have found ready sale, and the supply for shipment is limited.

LAKE.—The acreage of Winter Wheat greatly exceeds that of the previous year; the continued dry weather in September and October greatly injured the crop; the late rains and warm weather have greatly improved the condition of the crop, which is nearly up to an average. There has been less seeding of Winter Rye than usual; the condition is nearly up to an average. The average yield per acre of Corn is better than usual, considering the drouth and early frosts; a large portion of the crop is loose on the cob, and of medium to poor quality. Farm animals are healthy and in thriving condition. The weather during the fall has been favorable for stock and farm work. The 1879 Hog crop is much below that of previous years, and the supply on hand is small for the season of the year. Beef Cattle and Fat Sheep have been shipped more freely than heretofore, and the number preparing for market is quite limited. The Flax crop was good. Farm products are in demand at satisfactory prices.

LASALLE.—Winter Wheat is in promising condition, and the present acreage greatly exceeds that of the previous season; many farmers in the county have the Winter Wheat fever bad. The usual acreage has been seeded with Winter Rye, and the condition is good. The present Corn crop is one of the best grown in the State for years, and Corn that has received good culture will average 50 bushels per acre; the average for the county however is much less; the large acreage of late planted Corn was injured by the frost, and is of inferior quality. The loss of Hogs by disease is an important item against the profit account of the farmer; the disease has not been so fatal or widespread this season as heretofore; other farm animals are in good winter condition. The Hog crop for the season is quite small, many farmers having become discouraged by severe loss of Hogs by disease and the unremunerative prices heretofore obtained; the number of Hogs still in feeders' hands is nearly one-half less than the same date in 1878. The usual number of Fat Cattle and Sheep are awaiting shipment.

LAWRENCE.—Winter Wheat culture having proved profitable of late the acreage is increasing from year to year; the seeding this season is much larger than in 1878; the stand is good, the condition very encouraging for a large crop. The acreage seeded to Winter Rye is more than that of the previous year, and the condition is much above a good average. Corn was badly damaged by the fall rains, which, with the drouth during

the growing season, had much to do with the medium yield per acre, and the inferior quality of a portion of the crop. The number of Hogs in the county is small compared with previous years; in proportion to the number on hand the loss by disease is equal to that of past seasons; Pigs and young Shoats are most affected. The number of Fat Hogs and Sheep ready for market is quite limited. Fat Cattle are as plenty as usual. Farm animals, excepting Hogs, are in good condition and healthy.

LEE.—Winter Wheat, considering the dry weather during the fall, is in promising condition; the acreage is much larger than heretofore; there has not been sufficient snow to protect the Wheat. Winter Rye acreage increased over last season; the condition is up to a good average. Corn has all been gathered in good condition; owing to the dry season and early frost, the quality is not the best; Corn weighs light, and some is loose on the cob. Young Pigs have suffered to an alarming extent, in localities, by lung fever, which has been quite fatal; other kinds of farm stock are healthy and in fine condition. The number of Hogs fed for market is much less this season than heretofore; there is comparatively a small number in feeders' hands. Fat Cattle have been sold more freely than usual, and the number on hand is less than at the same date last year. The supply of Fat Sheep is about up to that of previous years.

LIVINGSTON.—Winter Wheat is looking well, and, with few exceptions, the Wheat fields are up to a good average in condition; the Hessian fly has injured the crop in some localities. The present acreage largely exceeds that of the previous crop. Winter Rye is in good condition, and the acreage is about the same as in 1878. The average yield per acre of Corn is much better than last year; the drouth affected the quality, and there is some complaint of light weight. The crop has generally been saved in good condition. The loss of Hogs this season, by disease, is very small; the number of Hogs fattened for the market is much below that of 1878, and nearly all the Fat Hogs have been shipped, leaving an unusually small supply on hand. The number of Fat Cattle in feeders' hands compares favorably with that of previous years. There is a large number of Fat Sheep awaiting shipment. Farm animals are healthy and in splendid winter condition.

LOGAN.—The stand of Winter Wheat is excellent; the condition is above an average; the acreage largely exceeds that of 1878, and many fields of Corn have been seeded to Winter Wheat. Winter Rye is in good condition; the acreage is less than last season. The average yield per acre of Corn is better than last year; the drouth, during the growing season, and the early frost, injured the crop, and a field of good sound Corn is the exception. Farm animals are in fine condition, and generally healthy; some few herds of swine have suffered from Hog cholera; the loss is mainly confined to pigs. The Hog crop for this season is less than for 1878; the number on hand, feeding for market, is much less than usual. Fat Cattle and Sheep have been shipped more freely than in previous years, and there is a limited number on hand.

MACON.—Winter Wheat is in splendid condition; in some localities the growth has been too rank; the stand is good, and the ground is well covered; the acreage has been largely increased. The acreage of Winter Rye is not as large as last season; the condition of the growing crop is promising. Corn has nearly all been gathered; the late planting was injured by the

early frosts, and is light and not of the best quality; the average yield per acre is better than last season, but is much below estimates made before gathering the crop. Hogs have escaped almost altogether from the heretofore customary attacks of cholera; and farm animals generally are healthy and in good condition. The season has been very favorable for farm work and for the well being of stock. The present Hog crop is much less than heretofore, and very few Hogs remain in feeders' hands. Beef Cattle are scarce, compared with this date in years past. There is a good supply of Fat Sheep awaiting shipment.

MACOUPIN.—Winter Wheat has seldom, if ever, been in a more promising condition; the growth has been so rank in some localities as to make it necessary to pasture the crop; the acreage is larger than for the previous year. Very little Winter Rye sown in the county; the present acreage is about the same as in 1878, and the condition up to a good average. Corn crop all gathered, and saved in fine condition; the quality is good, and the average yield per acre better than for years. There has been less complaint about Hog cholera than for years. The number of Hogs fattened for the 1879 market is less than in 1878; there is less than the usual number of Fat Hogs on hand in December, compared with same date in former years. Farm animals are remarkably healthy and in good condition. Fat Cattle and Sheep have been shipped more freely than usual, and there is a small supply in hands of feeders to meet future demands.

MADISON.—Winter Wheat looks well and is above a good average in condition; the fields injured by the Hessian fly, during the fall, have about recovered, and the crop is making a vigorous growth. The acreage has been largely increased over that of the previous year. The Corn crop is above the average in quantity and condition; the Corn was badly blown down and injured by the wet weather in some localities. There are but few complaints of loss of Hogs by disease, and the pigs are generally the victims. Farm animals, other than Hogs, are in good condition and healthy. The number of Hogs fattened for the 1879 market is some less than last season; the supply for shipment is equal to that of the previous season at same date. Fat Cattle and Sheep have been forwarded to market earlier than usual, and the supply on hand is limited.

MARION.—Winter Wheat generally looks fine, with fair prospects; some fields have been damaged by the Hessian fly, but are improving, and the condition is up to a good average for the county. The profits attending the culture of Wheat of late has induced farmers to increase the acreage over that of 1878. Winter Rye is in good condition; not as much sown as last season. Corn was blown down, and injured by the wet weather, during the fall; the yield is much below expectations, and the quality only medium. There is no complaint of loss of stock by disease; Hogs have been remarkably healthy, and the 1879 Hog crop is larger than that of 1878, and the supply on hand is equal to that of former years, at corresponding date. Beef Cattle are plenty, and the supply on hand is sufficient for probable demands. The crop of Tobacco was only medium; the same may be said of Castor Beans. The yield per acre of Irish Potatoes is above an average.

MARSHALL.—There was much more Winter Wheat sown this fall than heretofore; the wet weather, in September, caused rust in some fields; the warm weather, in October, was favorable for rapid growth, and the condition



will soon be up to a good average. The acreage seeded to Winter Rye is about the same as last season; the condition is promising. Corn is about all gathered, and saved in good condition; the late planting, and fields not cultivated frequently during the dry season, show the effects of the drouth, and the Corn is light in weight and not of the best quality; the average yield per acre exceeds that of the previous year. The loss of Hogs by disease is less than for some years: there has not been as much attention given to raising Hogs as heretofore, and the number fatted for this season's market is less than usual; the Fat Hogs have been shipped more rapidly than heretofore, and the number on hand is limited. Fat Sheep and Cattle are limited, as to number ready for shipment, and compared with the previous season.

MASON.—Winter Wheat has not recovered from the effects of the drouth, soon after seeding; some fields were injured by the Hessian fly; the acreage is much larger than last season. Winter Rye is looking well; the acreage is less than heretofore—Corn, owing to the drouth and injury by chinch bugs, is inferior in quality, and the average yield per acre much below expectations. Farm animals are remarkably healthy and in good condition. The Hog crop is small, compared with 1878, and there is a very limited number of Fat Hogs on hand ready for shipment. Fat Cattle have not been shipped as freely as usual, and there is a large surplus on hand. The price of farm products is very satisfactory to producers.

MASSAC.—The acreage of Winter Wheat is fully as large as last season, and the condition is nearly up to a good average; some complain of the rank growth of Wheat, Corn was badly damaged by being blown down, and the wet weath, succeeding the storm, injured the quality; the yield per acre is below a good average. The loss of Hogs has been quite severe in some localities. The number of Hogs fatted for market exceeds that of the previous year, and the demand has reduced the number usually on hand at this season. There is a limited supply of good Beef Cattle on hand ready for shipment.

MCDONOUGH.—Winter Wheat has improved rapidly since the late rains, and has about recovered from the effects of the drouth succeeding sowing; the acreage has been largely increased over previous years, and the prospect is encouraging for a very large crop of Winter Wheat. Rye is in good condition, but the acreage is much less than that of 1878. Corn is about all harvested, and was saved in good condition; the average yield per acre is much above that of 1878, and the quality is good. There has been very little cholera in the county this season; other farm animals are healthy and in good condition. The loss attending feeding of Hogs the past few years has discouraged many from continuing in the business, and the present Hog crop is the smallest for some years: the supply ready for market is about half that of corresponding dates in previous years. Beef Cattle and Fat Sheep are on hand in limited quantities.

MCHEMRY.—The chinch bugs and dry weather have injured Winter Wheat; the late rains and favorable weather have greatly improved the prospect; with continued seasonable weather the largely increased acreage over previous years will make the coming crop of Winter Wheat the largest ever grown in the county. There is no change in the acreage of Winter Rye as compared with that of 1878; the condition is somewhat below an average. The early planted corn turned out well; the quality and

quantity are very satisfactory; the late planting was injured by the dry weather and early frost. There has been hardly enough Hog cholera in the county the past season to be worthy of mention. The Hog crop is much less than for previous years, and buyers have reduced the number usually on hand at this date. Beef Cattle have been shipped more freely than usual, and there is a limited number on hand awaiting shipment. The Flax crop was good. Irish Potatoes averaged well.

MCLEAN.—There is generally a good stand of Winter Wheat, and the rank growth in many localities is not considered favorable for wintering of the same. There is about double the acreage of Winter Wheat sown this fall when compared with that of the previous season, and the condition is above an average. Rye is looking well; not as much sown as in 1878. The average yield per acre of Corn is much above that of previous years; the quality is not the best; considerable complaint of the light weight of Corn. There is less Hog cholera in the county than usual at this season. The number of Hogs fed for the 1879 market is small compared with previous years, and few Hogs remain in feeders' hands awaiting shipment. Beef Cattle in limited number await shipment; the quality of the Cattle ready for market is better than usual.

MENARD.—Winter Wheat is looking well, and is up to a good average in condition; the Hessian fly has injured some fields; the acreage is much larger than heretofore, and with seasonable weather the next crop promises to be one of the largest ever grown in the county. Winter Rye is up to a good average in condition, and the acreage is about the same as last season. The Corn crop was saved in good condition, and the yield is above an average; some fields of late corn were touched with the frost and the quality injured. The loss of Hogs by cholera the past year has been light compared with previous years, and the disease has been confined mainly to pigs. Horses, Cattle and Sheep are healthy and in good condition. The number of Hogs fatted for the 1879 market is less than for 1878, and the number on hand awaiting shipment is quite limited. Beef Cattle and Fat Sheep have found ready sale, and the supply on hand is less than usual at this season.

MERCER.—There has been considerable more Winter Wheat sown this fall than last, and the condition is nearly up to an average; the crop has nearly recovered from the effects of the drouth. The acreage of Winter Wheat is about the same as last season; the condition is improving since the rains, and will soon be up to an average. Corn is all gathered; the quality is generally good, and the average yield per acre large. There has been considerable complaint of loss of Hogs by cholera. The number of Hogs fatted for market is much below that of previous years, and the number on hand for shipment is quite limited. The supply of Beef Cattle and Fat Sheep is equal to the demand; the quality is excellent. Farm crops are bringing good prices.

MONROE.—Winter Wheat has seldom, if ever, looked more promising, and with favorable weather the largely increased acreage will make one of the best crops grown in this country; the Wheat was put in earlier than usual, and seeded with more care. Winter Rye is above an average in condition; the acreage is less than last season. The quality of Corn is generally good, and the yield is much above an average; the corn crop of the county is more than double that of the previous year. Farm Animals are in good condition, and there has been no complaints of disease. The number of Hogs fed for



the 1879 market slightly exceeded that of last year; the demand has been better than usual, owing to the limited number of Hogs in other counties, and the supply for shipment is much less than usual. The supply of Beef Cattle and Fat Sheep exceeds that of former years at corresponding dates.

**MONTGOMERY.**—Winter Wheat acreage largely exceeds that of the previous year, and the condition is much above a good average, and the prospects have seldom been better for an abundant crop. There is a large decrease in the acreage of Winter Rye; the condition is better than usual at this season. The Corn crop is the best grown in the county for years; the average yield per acre is large, the quality good and the price remunerative. There is considerable complaint of loss of Pigs in some localities; very few Hogs are attacked with the disease. The number of Hogs for market is much below that of former years; the supply awaiting shipment is less than usual for the season. Beef Cattle have been shipped earlier than usual, and the number of Fat Cattle on hand is less than heretofore. There is a good supply of Fat Sheep in feeders' hands.

**MORGAN.**—There has been an unusually large acreage of Winter Wheat seeded this fall, and, where the drill was used, the condition is nearly up to an average; the Wheat sown broadcast, and plowed or harrowed in, has suffered more from the drouth. Very little Winter Rye sown the past season, Corn is all gathered, and was saved in good condition; the average yield per acre exceeds that of some previous good years, but is below estimates made previous to harvesting. There has been but a small percentage of loss by disease among Swine, and pigs and shoats have generally been the victims. The Hog crop is about as large as last season; Hogs are somewhat heavier than in 1878; the supply for shipment is less than usual at this season. There are not as many Fat Cattle ready for market as usual at this date.

**MOULTRIE.**—Winter Wheat never looked better at this season; the stand is good, and the growth and color of the plant indicates great vigor; the acreage largely exceeds that of the previous year, and with a favorable season, the next crop will be immense. Winter Rye is above an average in condition; the acreage is about the same as last season. The early planted Corn made a large average yield per acre, and the quality was good; the late planted was injured by the early frost, and the Corn is of inferior quality. Large Hogs have not suffered from the attacks of cholera; there has been considerable complaint of loss of pigs. The number of Hogs fed for this season's market is some less than last year, and Hogs are not as heavy as in 1878; the supply for shipment is less than for same date last year. The quality of Beef Cattle fed for market is better than the average, and there has been an active demand; the number on hand is quite limited. There is about the usual number of Fat Sheep awaiting shipment.

**OGLE.**—Winter Wheat has made a rank growth, and the present prospects are encouraging for another good crop; the acreage is much larger than last year. Rye is up to an average in condition, and the acreage about the same as last season; there is comparatively a small area of Rye in the county. The Corn crop is better than last season, both as to yield and quality; the crop is selling rapidly at paying prices. Hog cholera has almost entirely disappeared; other farm animals are healthy and in good condition. Farmers are prosperous, cheerful and happy over the return of better

times, the result of abundant crops and good prices. The number of Hogs fed for the 1879 market is much below that of the previous year; Hogs have been in good demand, and the supply on hand is limited. There is a good supply of Fat Cattle and Sheep awaiting shipment. Flax and Irish Potato crops compare favorably with former years.

**PEORIA.**—Winter Wheat has materially improved since the late rains, and has nearly recovered from the effects of the drouth; the acreage exceeds that of the previous year, and the outlook is encouraging for an abundant yield. Winter Rye is nearly up to an average in condition; the acreage is much below that of previous year. The average yield per acre of Corn exceeds that of 1878, and the crop has been saved in good condition; the late planted Corn was injured by the frost. There has been but little complaint of loss of Hogs by cholera the past year. The condition of farm animals is good, and live stock has seldom been as free from disease. The number of Hogs fed for the 1879 market is about the same as last season, and weights compare favorably; Hogs have seldom been marketed as close as this season; the number on hand is very limited. The supply of Fat Cattle awaiting shipment is less than usual at this season of the year. Fat Sheep supply is larger than usual, and the quality good.

**PERRY.**—There has been considerable damage done the Winter Wheat by the Hessian fly, and the injury is greater on timber land; the crop looks much more promising since the rains, and, with favorable weather, will soon be up to an average in condition; the acreage exceeds that of 1878. Rye looks well, and the area is about the same as last season. Corn crop is much better than for some years; the average yield per acre is large, and the quality generally good; some fields were blown down and injured by the succeeding storms. Farm animals are healthy and in good condition; there has been some loss by hog cholera, in some few localities, which has been confined to pigs. There has been so little profit attending the feeding of Hogs the last few years that many farmers have turned their attention to other stock, thus reducing the number of Hogs fed for market, compared with the previous year. There is a good supply of Fat Cattle and Sheep awaiting shipment.

**PIATT.**—There is but little change in the acreage of Winter Wheat compared with previous season; the crop is recovering from the effects of the drouth and Hessian fly, and with good weather the condition will soon be up to an average. Rye was generally sown late, and is in only fair condition; the acreage is less than last season. The Corn crop is much better than last season; the crop has been saved in good condition; some of the late planted Corn did not mature and is loose on the cob. There has been but little complaint of loss by Hog cholera the present season, and only pigs and small shoats have been affected. There is a large falling off in the number of Hogs fed for the 1879 market as compared with 1878, and the Hogs shipped are not as heavy. The supply of Fat Cattle and Sheep is somewhat below that of previous years at corresponding date.

**PIKE.**—Some fields of Winter Wheat have been injured by the Hessian fly; the crop generally is in excellent condition; there has been considerable more wheat sown this season than last. The acreage of Winter Rye is less than in 1878; the condition is about up to an average. The average yield per acre of Corn is better

than last season; the crop has been gathered and much of it has been marketed; the late planting is of inferior quality. Farm animals are healthy and in good condition. There has been but little complaint of loss of Hogs by disease the past season. The number of Hogs fatted for 1879 market is less than for the previous year; the number of Hogs on hand awaiting shipment is quite limited. The supply of Beef Cattle is less than usual at this date. There is a good supply of Fat Sheep on hand awaiting shipment.

**POPE.**—Winter Wheat was generally sown early, and has made good growth; the condition is above an average; the acreage has been increased this fall over that of 1878. Corn has all been gathered; the yield is much better than last season; the quality is inferior, more especially the late planting. Farm animals have been free from disease the past season, and are in excellent winter condition. The number of Hogs fatted for this season's market exceeds that of 1878; the supply for shipment is less than usual for this date. There is a good supply of Fat Cattle and Sheep in feeders' hands. The average yield per acre of Tobacco is below that of previous years.

**PULASKI.**—Early sown Winter Wheat was injured in many localities by the Hessian fly; the late sowing has made good growth, and is above an average in condition; the acreage is somewhat increased, compared with that of the previous year. There is but a limited amount of Winter Rye sown in the county; the crop looks well. Corn is of average quality; the yield per acre is more than last season. Live stock is unusually healthy and in thriving condition. The number of Hogs fatted for the 1879 market exceeds that of 1878, and the demand has induced farmers to sell more closely than usual; the supply for shipment is limited, Fat Cattle and Sheep have found ready sale, at good prices, and there is a less number than usual in feeders' hands. The average yield per acre of Tobacco compares favorably with former years.

**PUTNAM.**—A very much larger acreage has been sown with Winter Wheat than last season, and the condition is nearly up to a good average. The acreage of Winter Rye is less than last season; the condition is promising. The early frost seriously injured the late Corn, which, with drouth during the growing season, has made the quality of a portion of the crop very inferior; the average yield per acre for the county is some better than last season. Diseases among Hogs have prevailed in many portions of the county; more have died of pneumonia than cholera; small pigs have suffered most. The number of Hogs fed for market is less than usual; the number awaiting shipment is much below that of former years at same date. There are not as many Fat Cattle and Sheep for shipment as heretofore at this season.

**RANDOLPH.**—Winter Wheat is nearly up to an average in condition, and, since the rains, is improving rapidly; many fields were seriously injured by the Hessian fly, early in the season, which, with the prevailing drouth, made the season a very trying one for Winter Wheat. There was a limited amount of Winter Rye sown the past fall; the condition is up to a good average. The diseases among farm animals are confined to swine, which have been effected with cholera in some localities. The number of Hogs fatted for market this season is larger than in 1878; the weights are somewhat less; the supply on hand is larger than usual for this date, when compared with previous years. The supply of Fat Cattle and Sheep is up to that of former years.

**RICHLAND.**—There has been a very large acreage seeded to Winter Wheat, and the present

prospects are very flattering for a good yield on the largely increased acreage; some fields of Wheat were seriously damaged by the Hessian fly; the crop has fully recovered from the effects of the drouth since the abundant rains. Winter Rye looks well; but little sown except for pasture. The storms prostrated considerable Corn and injured the quality of much of the crop; the drouth early in the season was unfavorable and had much to do with the low average yield per acre. Farm animals, except Hogs, are healthy and in good condition; in some portions of the county there has been an unusual fatality attending small shoats and pigs, the result of Hog cholera. The Hog crop is not as large as in 1878, and there is but a limited number on hand awaiting shipment. Fat Cattle and Sheep have gone to market more rapidly than common, and there is not the usual number on hand ready for market.

**ROCK ISLAND.**—Late sown Winter Wheat was damaged in some localities by freezing; the early seeded Wheat made good growth and is now up to a good average; there has been a very large increase in the acreage sown this fall compared with that of the previous year. Winter Rye is up to a good average in condition; the acreage is below that of 1878. Corn is about all cribbed, was saved in fine condition; the average yield per acre, while below expectations, is much better than last season. Many young Hogs have died the past year, with disease, in different portions of the county. The Hog crop is fully up to that of former years; there are very few Hogs in feeders' hands awaiting shipment. There is about the same number of Fat Cattle on hand. Sheep have been marketed more freely than usual.

**SALINE.**—Winter Wheat is in good condition; the acreage is larger than last season. The average yield per acre of Corn is much better than last season; there is considerable complaint of damage to Corn by the excessive rains. There has been considerable cholera among Hogs in various parts of the county. More Fat Hogs have been shipped to market than in 1878, and there is a large number ready for shipment. There is the usual number of Fat Cattle on hand ready for market. Fat Sheep are rather scarce. The Tobacco crop will compare favorably with former years, both as to yield and quality.

**SANGAMON.**—The condition of Winter Wheat is improving and is nearly up to an average; the season has been very trying to this crop; the prevailing drouth during the fall and injury of many fields by the Hessian fly made the outlook anything but encouraging before the fall rains. The "Wheat mania" is prevailing to an unusual extent in this county, and the increased acreage will either "make or break" many farmers, according as the crop turns out; our most successful farmers believe and practice diversified farming, and have long since abandoned the too common and disastrous practice of "taking all their eggs to market in the same basket." The average yield per acre of Corn is about the same as last season; the quality is much below that of former years, owing to the dry weather after planting and early frost. The Hog crop is much larger than last season, and the demand has induced farmers to sell more closely than usual. Diseases among Swine have been almost entirely confined to pigs and shoats; some few localities have suffered considerable loss from cholera. There has been more complaint than usual of distemper among Horses; other farm animals, except as noted, are healthy and in good condition. There is a good supply of Beef Cattle and Fat Sheep awaiting shipment.

**SCHUYLER.**—Winter Wheat covers the ground well, and the growth is vigorous and strong; the condition is above a good average, and, with



favorable season, there will be an unusually large yield on the increased acreage. The acreage of Winter Rye is less than last season; the condition is up to a good average. The Corn crop is good; the average yield per acre is much above an average, and the quality is superior. There has been very little complaint of disease among Hogs, except in certain localities. The number of Hogs fattened for market is much less than that of the previous season; the supply on hand, awaiting shipment, is less than usual at this time of the year. Beef Cattle and Fat Sheep remain in feeders' hands in limited numbers.

SCOTT.—Winter Wheat is looking well; the acreage seeded this season exceeds that of the previous year; the condition is up to an average, and the fall rains have improved the prospects. There was not as much Winter Rye sown as usual; the growth is vigorous, and the condition is up to an average. The yield per acre of Corn is much above the average; the crop has been saved in good condition. The Hog crop is not as large as last season, and the supply awaiting shipment is small; there is a limited number of Fat Cattle and Sheep in farmers' hands. There has been considerable hog cholera in certain localities. Prices realized for farm products are very satisfactory to farmers, and the crops are being marketed as rapidly as the roads will permit.

SHELBY.—Winter Wheat has seldom been in more promising condition, for the season of the year, than at the present time; the present acreage largely exceeds that of the previous year; some fields have been injured by the Hessian fly. Rye is in good condition, and the area about the same as last season. Corn is about all gathered, and the bulk of the surplus sold; the average yield per acre exceeds that of the previous year; the quality is not as good as heretofore, owing to the drouth during the growing season. There has been but little complaint of loss of Hogs by disease; the number fed for the 1879 market exceeds that of the previous year, and there is a liberal supply on hand ready for shipment. Farm animals generally are healthy and in good condition. Beef Cattle and Fat Sheep have not been forwarded to market as rapidly as usual.

STARK.—There is a much larger acreage of Winter Wheat than last season, and the condition is up to a good average. Rye is nearly up to an average in condition; the acreage is the same as last season. The average yield per acre of Corn exceeds that of the previous year; the quality is not as good as heretofore; there is more soft Corn than usual. Considerable hog cholera. There is a larger number of Fat Hogs this season than last; the demand has induced farmers to sell earlier than usual, and the number on hand is quite limited. The supply of Beef Cattle is hardly up to that of previous years at this date. Fat Sheep in feeders' hands number about the same as heretofore.

ST. CLAIR.—Winter Wheat was injured to some extent by the Hessian fly; there has been a great improvement in the condition since the cool and wet weather, and with favorable season the Wheat will soon be up to a good average; the acreage is larger than last year. There is no change in the acreage of Rye, which is about the same as in 1878. The present Corn crop is the best grown in the county for years, both as to quality and large average yield per acre; the crop has almost all been gathered, and was saved in good condition; some of the late planted Corn is of poor quality. There is no complaint of loss of Hogs by disease. The present Hog crop is much larger than last season, and the supply in feeders' hands exceeds that of former years. Fat Cattle and Sheep have been marketed earlier than usual, and the supply on hand is limited.

STEPHENSON.—Winter Wheat is in good condition, and well covered with snow; the dry

weather during the fall was unfavorable to the rapid growth of Wheat; the acreage is larger than last season. Rye looks well; the acreage is less than in 1878. The average yield per acre of Corn is about the same as last season; the quality is not as good; there is considerable complaint of light weight. There is considerable Hog Cholera in the country, but not as much as last season; the Hog crop of the county is less than in 1878, and has nearly all been marketed. The supply of Fat Cattle and Sheep is nearly as large as last season at this date. The Flax and Tobacco crops are good; fully up to an average in yield, and the quality is good.

TAZEWELL.—There has been an unusually large area sown to Winter Wheat this season, and the condition is above an average. Winter Rye looks well; the acreage is less than heretofore. Corn was saved in good condition; excepting the late planting the Corn is sound, and the average yield per acre about the same as last season. There has been some complaint of loss of Hogs by cholera; the pigs and shoats suffered most. The 1879 Hog crop is much below that of 1878, and the number on hand awaiting shipment is quite small compared with previous years at corresponding date. There is a good supply of Fat Cattle and Sheep in the hands of feeders. Farm animals, excepting Hogs, are healthy and in excellent condition.

UNION. Some fields of early sown Winter Wheat were injured by the Hessian fly; the crop generally is up to a good average in condition. Winter Rye is not receiving much attention in this county; the acreage is limited; the condition is up to a good average. Corn is not all gathered; the average yield per acre equals that of the previous season, and the quality about up to that of former years. Farm animals are remarkably healthy and in excellent condition. The present Hog crop is much larger than in 1878, and has found a good market; about the usual number at this season remain in feeders' hands.

VERMILION.—The Winter Wheat acreage largely exceeds that of previous years, and the condition is much above a good average; a poor field of Wheat is an exception. Rye is in excellent condition; the area is less than last season. Corn, excepting the late planted, is sound and of good quality; the average yield per acre is some better than last season; the early frost injured the late planting. There has been less Hog cholera in the county than for several years past. The 1879 Hog crop is nearly as large as that of the previous season; the supply awaiting shipment is some less than at same date last season. There is a good supply of Fat Cattle in feeders' hands. Fat Sheep ready for market about the same in number as last season.

WABASH.—Winter Wheat is not up to a good average in condition; the Hessian fly has injured the crop seriously, and the Wheat in many fields is full of eggs, which are likely to give further trouble next spring; the acreage is larger than last season. Very little Winter Rye sown in the county except for pasture; the condition is good. The average yield per acre of corn exceeds that of 1878; in some parts of the county the Corn was badly blown down and has been damaged by the fall rains; the late planting is inferior as to quality. There is less complaint of loss of Hogs by cholera than heretofore, and the pigs are most generally attacked; other live stock in good condition and healthy. The Hog crop is nearly as large as that of last season; very few Fat Hogs remain in feeders' hands. The supply of Fat Cattle and Sheep for market is quite limited.

WARREN.—The prevailing drouth has been very unfavorable to the growth of Winter



Wheat, which is somewhat below an average in condition; the crop looks better since the rains; the acreage is much larger than last season. Rye is below an average in condition, and the acreage is less than last season. The yield of Corn is about up to the good average of last season, and the quality, excepting the late planting, is excellent. There has been some complaint in localities of Hog cholera, but the loss is mainly confined to pigs, and has not been as great as in previous years. The present Hog crop is somewhat less than last season, and Hogs have been in great demand; the supply for shipment is much below that of previous years at same date. There is a good supply of Fat Cattle. Sheep in rather limited number for market.

WASHINGTON.—Winter Wheat in some localities injured by the Hessian Fly and dry weather. Wheat has improved since the late rains, and is about up to a good average in condition. Very little Winter Rye sown in the county. The average yield of Corn per acre is some better than last season; considerable Corn was injured by the wet weather in September and October. Farm Animals are healthy and in good condition; very little complaint of loss of Hogs by disease; the present Hog crop is somewhat larger than last season; the supply on hand ready for market equals that of former years at corresponding date. The same may be said of Beef Cattle and Fat Sheep.

WAYNE.—Winter Wheat was damaged somewhat by the Hessian Fly early in the season, and there was complaint of injury from rust; the late improvement in the condition of Winter Wheat is unusual, and the present prospect is encouraging for an average crop; the area is much larger than last season. Corn gathering has been delayed by the continued wet weather, which has damaged a portion of the crop; counting the good and injured Corn the yield per acre is much better than last season. There has hardly been enough Hog cholera in the county to be worthy of mention. The 1879 Hog crop is nearly as large as that of last season, and about the usual supply is on hand ready for shipment. Fat Sheep supply is limited. The number of Fat Cattle in feeders' hands is about the same as last season. The Tobacco crop is only fair as to yield and quality.

WHITE.—Early sown Winter Wheat in some localities was injured by the Hessian fly; the Wheat has about recovered from the effects of the drouth, and is now in promising condition; the acreage is larger than last season. Winter Rye looks well; the acreage exceeds that of 1878. Corn was considerably damaged by the storm; with this exception, the average yield per acre is the best for years. Excepting Hogs, farm animals are healthy and in thriving condition for the season. There is complaint of loss of Hogs by cholera in some sections; the pigs are most usually attacked. There will not be as many Hogs sent to market from this county this season as last; the greater portion of the Hog crop has been shipped. The supply of Fat Cattle and Sheep in farmers' hands is small.

WHITESIDE.—Winter Wheat is in promising condition, but has yet to pass the most critical period to test the adaptability of Winter Wheat to this climate; there has been a large increase in the acreage of Winter Wheat over that of the previous season, and if the results of this second experiment are favorable many more farmers will be induced to grow Winter Wheat hereafter. Rye is in good condition; the acreage is much less than last season. The Corn is

of medium quality; some complaint of light weight; the average yield per acre is about the same as last year. There has been some loss of Hogs by disease the past season. The present Hog crop is fully up to that of the previous year; the number sent to market to date exceeds that of 1878, and the supply in the hands of feeders is limited. There is a good supply of Fat Cattle and Fat Sheep ready for market.

WILL.—Winter Wheat is not extensively grown in the county; the dry weather during the fall prevented the usual growth, and the condition is somewhat below an average; the acreage exceeds that of the previous year. The acreage of Rye is larger than last season; the condition is somewhat below an average. The Corn crop is not as good as last season, either in yield per acre or quality; the early frost injured all the late corn. Farm animals are healthy and in excellent condition. The number of Hogs fattened for the 1879 market is much below that of the previous year; there is a limited number of Hogs for shipment in feeders' hands. The supply of Fat Cattle and Fat Sheep is about the same as heretofore at this season.

WILLIAMSON.—The early sown Winter Wheat was damaged by the Hessian fly; notwithstanding the excessive and continued rains the Wheat is in splendid condition; the acreage has been increased over that of last year, and the prospect is encouraging for a good crop. Rye is above an average in condition; the acreage is about the same as last season. In some localities there has been some loss of Hogs by so-called hog cholera; the loss is less than heretofore. The Hog crop of the county is larger than that of 1878, and the greater portion of the crop has been marketed. There is a good supply of Beef Cattle on hand ready for market. There is a limited number of Fat Sheep in feeders' hands. The heavy rain and wind in August made much of the Corn fall down, and where not gathered early was badly damaged. The average yield per acre is better than last season; the quality is not as good.

WINNEBAGO.—Owing to the dry weather in the fall much of the Winter Wheat acreage was not seeded until late, and the growth is not as usual; the condition is improving and is nearly up to an average; there is a large increase in the acreage over that of the previous year. The yield per acre of Corn will compare favorably with that of 1878; the quality is good and the crop has been saved in good condition. Hog cholera is prevailing in a few localities; the loss is not great; no specific has been discovered for the disease or diseases, as nearly every ailment of Swine is called by the name of cholera. The 1879 Hog crop is much less than that of the previous year, and the greater portion of the surplus has been marketed. There is an unusually large surplus of Beef Cattle, in feeders' hands, for the season. The number of Fat Sheep ready for market is about the same as usual.

WOODFORD.—There is a good stand of Winter Wheat, and the condition is much above a good average; the acreage largely exceeds that of the previous year. Rye looks well, and the condition is promising. The Corn crop is much better than that of the previous year; nearly all gathered in good condition, and the quality is excellent. There has been but little Hog cholera in the county, and the disease has been confined principally to light Hogs. The number of Fat Hogs prepared for market is less than last season, and the great bulk of the crop has gone to market. There is a limited supply of Fat Cattle and Sheep awaiting shipment.

# NAMES AND POSTOFFICE ADDRESS

## OF

# CROP CORRESPONDENTS,

## DEPARTMENT OF AGRICULTURE.

### FOR THE YEAR 1879.

#### ADAMS COUNTY:

T. Butterworth, Quincy.....	4
C. H. Rankin, Payson.....	4
A. R. Wallace, Camp Point.....	3
S. D. Lewis, Payson.....	4
G. W. Dean, Adams.....	4

#### ALEXANDER COUNTY:

James H. Metcalf, Cairo.....	2
J. E. McCrite, Elco.....	4
J. I. Nowotny, Beech Ridge.....	2
Severe Marchildon, Thebes.....	4
Nicholas Hunsaker, Goose Island.....	2

#### BOND COUNTY:

John V. McFarland, Cotton Wood Grove.....	4
John Riley, Mulberry Grove.....	3
C. A. Meyer, Greenville.....	3
Thomas W. Hines, Pocahontas.....	4
S. H. Challes, Pocahontas.....	2

#### BOONE COUNTY:

Evi Sherman, Poplar Grove.....	3
George Reed, Belvidere.....	4
S. C. Fox, Garden Prairie.....	4
L. W. Lawrence, Belvidere.....	4
E. E. Moss, Belvidere.....	4

#### BROWN COUNTY:

Henry D. Ritter, Versailles.....	4
George T. Hersman, Hersman.....	1
T. J. Nolen, Mound Station.....	4
R. T. Bratten, White Oak Springs.....	4
James Warren, Ripley.....	3

#### BUREAU COUNTY:

L. D. Whiting, Tiskilwa.....	2
James F. Mallett, Milo.....	4
George W. Stone, Princeton.....	3
J. Y. Spangler, New Bedford.....	2
John L. Hall, Wyanet.....	3

#### CALHOUN COUNTY:

A. Smith, Hardin.....	4
George W. Long, Belleview.....	3
William Love, Brussels.....	4
S. A. White, Monterey.....	1

#### CARROLL COUNTY:

C. W. Allison, Milledgeville.....	4
E. L. Byington, Lanark.....	4
E. N. Baily, Argo.....	2

#### CASS COUNTY:

Thomas J. Crum, Virginia.....	4
John M. Epler, Little Indian.....	4
John H. Goodell, Chandlerville.....	4
John Beggs, Ashland.....	4
J. K. Clark, Bluff Springs.....	3

#### CHAMPAIGN COUNTY:

James Batterman, Pesotum.....	2
J. M. Morse, Gifford.....	4
W. A. Conkey, Homer.....	4
J. C. Ware, Mahomet.....	2
B. F. Johnson, Champaign.....	2
J. M. Lewis, Urbana.....	3

#### CHRISTIAN COUNTY:

J. B. White, Morrisonville.....	3
A. B. Herdman, Morrisonville.....	2
John W. Hunter, Owaneco.....	3
O. S. Nash, Sharpsburg.....	4
J. Overholt, Assumption.....	2

#### CLARK COUNTY:

James B. Sheapley, Martinsville.....	2
F. B. Ennis, Dolson.....	4
R. R. Scott, Casey.....	3
Samuel Park, Marshall.....	4

#### CLAY COUNTY:

W. W. Bowler, Flora.....	3
John S. Symond, Xenia.....	3
Crawford Erwin, Louisville.....	4
J. B. Craig, Ingraham.....	3
Theron Gould, Bible Grove.....	4

#### CLINTON COUNTY:

W. H. Russell, Lost Creek.....	4
John Burton, Trenton.....	3
O. B. Nichols, Sr., Carlyle.....	4
B. Pullen, Centralia.....	3

## COLES COUNTY :

Thomas O'Brien, Ashmore.....	4
T. G. Chambers, Charleston.....	2
M. P. Threlkeld, Mattoon.....	4
Winfield Wood, Mattoon.....	2

## COOK COUNTY :

A. H. Dalton, Dalton.....	2
Norman Powell, Palos.....	4
Alex. Wolcott, Chicago.....	2
George Struckman, Elgin.....	3
C. L. Sweet, Glenwood.....	4

## CRAWFORD COUNTY :

William L. Henstiss, Robinson.....	4
Andrew Newlin, Hulsonville.....	4
Findley Paull, Palestine.....	4
A. W. Duncan, Flat Rock.....	4

## CUMBERLAND COUNTY :

Harlow Park, Greenup.....	4
David Neal, Neoga.....	4
Ed. Bumgarder, Hazel Dell.....	4

## DEKALB COUNTY :

Sam'l Alden, Sycamore.....	4
D. M. Marsh, Sandwich.....	3
George Greenwood, Waterman.....	3
R. M. Pritchard, Waterman.....	3
M. W. Cole, Kingston.....	3

## DEWITT COUNTY :

E. H. Robb, Waynesville.....	3
John McDonald, Farmer City.....	4
John Vandervort, Clinton.....	4
James W. Knox, Wapella.....	1

## DOUGLAS COUNTY :

James H. Wilson, Tuscola.....	3
J. T. Irwin, Camargo.....	2
S. L. Woodsworth, Arcola.....	4
F. A. McCarthy, Arcola.....	4

## DUPAGE COUNTY :

H. L. Bush, Downer's Grove.....	4
P. W. Stacy, Prospect Park.....	3
Lewis Ellsworth, Naperville.....	1
Daniel Dunham, Wayne.....	4
W. R. Patrick, Lombard.....	2

## EDGAR COUNTY :

W. O. Pinnell, Kansas.....	3
A. N. Workman, Scott Land.....	3
W. H. Stubbs, Ferrell.....	2
B. O. Curtis, Paris.....	3
A. S. McCord, Paris.....	4

## EDWARDS COUNTY :

W. A. Shelby, Maple Grove.....	2
W. J. Q. Orange, Albion.....	1
Marion Huffman, West Salem.....	1
Jas. Dawes, Albion.....	4
John W. Skeavington, Albion.....	4

## EFFINGHAM COUNTY :

A. B. Kidder, Moccasin.....	4
D. W. Mathews, Mason.....	3
John McDonald, Edgewood.....	3
W. H. Hyden, Elliottstown.....	4

## FAYETTE COUNTY :

O. E. Lovett, St. Elmo.....	4
C. Carson, Brownstown.....	4
Fr. Fellwock, St. Paul.....	3
J. F. Kennedy, Shabonier.....	4

## FORD COUNTY :

L. T. Bishop, Piper City.....	4
John J. Simons, Faxton.....	4
James Ogelvie, Caberey.....	2
O. D. Sackett, Roberts.....	4
S. J. Le Fevre, Gibson City.....	4

## FRANKLIN COUNTY :

Wm. Drummond, Benton.....	3
F. M. Phipps, Benton.....	3
C. C. Biggs, Cave.....	3
Isham Harrison, Mulkeytown.....	3
Thos. Neal, Ewing.....	4

## FULTON COUNTY :

M. Rawalt, Canton.....	3
Alex. Bailly, Vermont.....	3
D. H. Gorham, Avon.....	4
John Prickett, Lewistown.....	4

## GALLATIN COUNTY :

John Yost, Shawneetown.....	1
Albert Folsom, Equality.....	4
C. W. McGehee, Shawneetown.....	4
Martin Doherty, Waltonborough.....	3
A. K. McCabe, Shawneetown.....	2

## GREENE COUNTY :

C. W. Brace, Kane.....	3
Alex. King, Athensville.....	4
Elon A. Eldred, Carrollton.....	3
S. G. Russell, Bluffdale.....	3
Jas. Rickart, Whitehall.....	4

## GRUNDY COUNTY :

John Hurst, Minooka.....	2
Otis Baker, Morris.....	3
R. K. Slosson, Verona.....	4
Wm. Pierce, Verona.....	4
C. E. Parker, Gardner.....	3

## HAMILTON COUNTY :

John H. Barker, Broughton.....	3
A. M. Sturman, Dahlgren.....	3
Adam Crouch, Piopolis.....	1

## HANCOCK COUNTY :

A. C. Hammond, Warsaw.....	4
Emil E. J. Baxter, Nauvoo.....	4
B. Whitaker, Warsaw.....	4
John R. Tull, Fruitland.....	4
E. W. Romick, Plymouth.....	3

## HARDIN COUNTY :

James A. Lowry, Elizabethtown.....	4
John Mitchell, Cave-in-Rock.....	2
W. L. Stilly, Parkinson's Landing.....	1
L. F. Twitchell, Elizabethtown.....	1
W. N. Warford, Sparks' Hill.....	4

## HENDERSON COUNTY :

Samuel Hutchinson, Kirkwood.....	4
Peter Groome, Raritan.....	4
John H. McDougall, Biggsville.....	3
Paul D. Salter, Kirkwood.....	2

## HENRY COUNTY :

N. C. Howard, Geneseo.....	2
N. C. Gilbert, Geneseo.....	4
Joshua C. Edwards, Cambridge.....	3
John A. Widney, Woodhull.....	4
Wm. Mathis, Annawan.....	3

## IROQUOIS COUNTY :

Robert Caldwell, Sheldon.....	1
K. Shankland, Hoopston.....	4
A. C. Johnson, Woodland.....	3
Isaac Pilotte, Martinton.....	3



## JACKSON COUNTY :

George C. Hanford, Makanda .....	4
George B. Corey, DeSoto .....	3
Hiram Schwartz, Elkhville .....	4
T. T. Robinson, Pomona .....	1
F. Phenix, Campbell Hill .....	3

## JASPER COUNTY :

James Picquet, St. Marie .....	4
W. E. Barrett, Newton .....	4
R. G. Scott, Ingraham .....	3
A. Wilson, Montrose .....	4

## JEFFERSON COUNTY :

John R. Moss, Mt. Vernon .....	3
John Wilbanks, Elk Prairie .....	4
L. E. Jones, Opdyke .....	1
George L. Whitlock, Dix .....	3
E. S. Noleman, Irvington .....	4

## JERSEY COUNTY :

Henry Ryan, Medora .....	4
James E. Starr, Elsalh .....	3
J. T. Curtis, Otterville .....	4
J. H. Belt, Fieldon .....	2
W. H. Fulkerson, Jerseyville .....	4

## JO DAVIESS COUNTY :

Henry Green, Elizabeth .....	4
E. M. Bouton, Galena .....	4
S. S. Brown, Galena .....	3
J. A. Hammond, Hanover .....	4
Joseph Moore, Plum River .....	4
R. A. Oliver, Hanover .....	3

## JOHNSON COUNTY :

H. T. Williams, Buncombe .....	3
James M. Dameron, Vienna .....	2
F. M. Jones, Vienna .....	4
E. F. Morton, New Burnside .....	3

## KANE COUNTY :

Joseph Tefft, Elgin .....	4
J. P. Bartlett, Blackberry .....	4
H. Chapman, Sugar Grove .....	3
William Conant, Geneva .....	2

## KANKAKEE COUNTY :

James Chatfield, Momence .....	3
Milo Barnard, Manteno .....	4
R. A. Lane, Kankakee City .....	3
R. N. McKinstry, Grant Park .....	4
I. C. Mosier, Wilmington .....	3

## KENDALL COUNTY :

J. M. Gale, Bristol .....	4
John S. Seely, Oswego .....	4
John Hurst, Minooka .....	3
L. Scofield, Newark .....	3
Geo. M. Hollenback, Millbrook .....	4

## KNOX COUNTY :

John Sloan, Douglas .....	1
Isaac Hunter, Abington .....	3
G. A. Marshall, Abington .....	4
R. W. Miles, Gilson .....	3
A. N. Phelps, Wataga .....	2
C. G. Taylor, Galesburg .....	4

## LAKE COUNTY :

Elisha Gridley, Half-Day .....	2
Henry Hart, Hainesville .....	4
Arthur Cook, Wauconda .....	4
John Pope, Wadsworth .....	4
G. S. Farmer, Libertyville .....	4
William Atteridge, Lake Forest .....	3

## LASALLE COUNTY :

A. M. Ebersoll, Ottawa .....	4
Thomas J. Davis, Triumph .....	3
Elmer Baldwin, Farm Ridge .....	4
George A. True, Utica .....	4
George W. Armstrong, Seneca .....	3
W. H. Holdridge, Tonica .....	4

## LAWRENCE COUNTY :

W. T. Buchanan, Bridgeport .....	2
James F. Jennings, Chauncey .....	4
Josiah Terrault, Russellville .....	2
A. I. Judy, Lawrenceville .....	2

## LEE COUNTY :

Abijah Powers, Prairieville .....	3
James C. Lahman, Franklin Grove .....	4
Thomas Clayton, Nelson .....	2
Abram Brown, Dixon .....	4

## LIVINGSTON COUNTY :

Dan. R. Potter, Fairbury .....	4
L. R. Bancroft, Pontiac .....	3
S. T. K. Prime, Dwight .....	4
Alex McIntosh, Rooks' Creek .....	3
James H. Smith, Minonk .....	4
W. C. Burleigh, Pontiac .....	3

## LOGAN COUNTY :

H. A. Goff, Skelton .....	4
C. L. Downey, Atlanta .....	3
Sorrell Doten, Mt. Pulaski .....	4
S. H. Harts, Hartsburg .....	4
W. C. Maull, Middletown .....	4

## MACON COUNTY :

T. H. Barr, Argenta .....	4
H. W. Davis, Decatur .....	4
V. Barber, Decatur .....	3
G. Elliott, Harriestown .....	3

## MACOUPIN COUNTY :

J. H. Bauer, Bunker Hill .....	3
John P. Henderson, Virden .....	4
George W. Hilliard, Brighton .....	4
H. J. Loomis, Chesterfield .....	4
I. B. Vancil, Vancil's Point .....	3

## MADISON COUNTY :

V. P. Richmond, Moro .....	4
Irby Williams, Upper Alton .....	4
B. R. White, Collinsville .....	1
E. J. Jeffress, Marine .....	3
E. W. Mudge, Grant Fork .....	1
John Balsige, Highland .....	4

## MARION COUNTY :

Henry C. Feltman, Salem .....	3
J. W. Jennings, Walnut Hill .....	1
Dale W. Carter, Hickory Hill .....	2

## MARSHALL COUNTY :

George F. Wightman, Lacon .....	2
Henry Reader, Henry .....	4
Henry Titus, Sparland .....	4
D. B. Wier, Lacon .....	3

## MASON COUNTY :

D. W. Riner, Mason City .....	1
J. B. Conover, Kilbourne .....	3
H. C. McIntire, Havana .....	3
E. J. Bowser, Bishop Station .....	3
J. M. Ruggles, Havana .....	4

## MASSAC COUNTY :

J. I. Gray, New Columbia .....	3
J. M. Choat, Metropolis .....	4
A. Brady, Pellonia .....	2
J. C. Gebhart, Massac Creek .....	3

## DONOUGH COUNTY :

James N. Devore, Bushnell.....	1
J. R. Lounes, Table Grove.....	3
Samuel Frost, Macomb.....	4
W. H. Greene, Bardolph.....	1
John B. Isom, Blandinsville.....	2

## CHENRY COUNTY :

E. H. Seward, Marengo.....	4
James Crow, Crystal Lake.....	4
Sidney Disbrow, Alden.....	4
T. McD. Richards, Woodstock.....	4

## MCLEAN COUNTY :

C. H. Vandervoort, Randolph.....	4
John A. Ewins, Danvers.....	4
Nelson Jones, Towanda.....	4
Wm. H. Oglevee, Heyworth.....	2
John McCoy, Lexington.....	3
Sylvester Peasley, Downs.....	3
Daniel McFarland, McLean.....	3
R. M. Guy, LeRoy.....	4

## MENARD COUNTY :

W. W. Lynn, Tallula.....	4
Thomas Kincaid, Athens.....	3
R. B. Godbey, Greenview.....	4
John F. Fulton, Petersburg.....	4
S. D. Masters, Petersburg.....	3

## MERCER COUNTY :

Josiah Candor, Hamlet.....	4
D. H. Hayes, Aledo.....	2
Dan. W. Sedwick, Suez.....	4
Wm. A. Griffin, New Windsor.....	2
Joseph U. David, New Windsor.....	3

## MONROE COUNTY :

Louis Thorn, Harrisonville.....	3
L. Warnock, Columbia.....	3
George Frick, Hecker.....	4
Bennett, James, Mitche.....	4

## MONTGOMERY COUNTY :

E. W. Miller, Raymond.....	4
A. F. Weaver, Nokomis.....	4
John H. Beatty, Nokomis.....	3
W. F. Hicks, Raymond.....	3

## MORGAN COUNTY :

James C. Fairbank, Concord.....	4
S. S. Dewees, Alexander.....	4
John Gordon, Lynnville.....	3
S. D. Masters, Murrayville.....	1
R. C. Curtiss, Waverly.....	3

## MOULTRIE COUNTY :

B. R. Cole, Lovington.....	3
Wm. Kirkwood, Sullivan.....	4
Alfred N. Smyser, Sullivan.....	2
F. M. Porter, Lovington.....	4
John Bowers, Williamsburgh.....	2

## OGLE COUNTY :

J. A. Atwood, Stillman Valley.....	4
J. L. Moore, Polo.....	1
A. D. Clark, Kite River.....	3
W. B. Derrick, Baileyville.....	4
J. W. Knapp, Monroe.....	3

## PEORIA COUNTY :

G. C. Clark, Peoria.....	3
M. H. Snyder, Elmwood.....	4
John A. McCoy, French Grove.....	3
H. Truitt, Chillicothe.....	4
Joseph Gallup, Chillicothe.....	3

## PERRY COUNTY :

Alex. P. Baird, Four Mile.....	4
H. L. Burbank, DuQuoin.....	4
J. C. Klinzig, Tamaroa.....	3
James Ervin, Coulterville.....	2

## PIATT COUNTY :

D. W. Smith, Farmer City.....	2
Ezra Marquiss, Sr., Monticello.....	4
Johu W. C. Gray, Mackville.....	4
Johh H. Murphey, Bement.....	3

## PIKE COUNTY :

W. R. Wilson, Nebo.....	2
J. O. Bolin, Milton.....	3
Geo. Stebbins, Summer Hill.....	4
W. R. Wills, Pittsfield.....	3
W. H. Yates, Perry.....	2

## POPE COUNUY :

H. G. Cloud, New Liberty.....	1
J. H. Benham, Rose Bud.....	3
J. E. Y. Hanna, Golconda.....	3
N. C. Weaver, New Liberty.....	4
Jasper N. Maynor, Eddyville.....	1

## PULASKI COUNTY :

H. C. Fearnside, Villa Ridge.....	4
R. T. Calvin, Olmsted.....	2
J. H. Crain, Villa Ridge.....	3

## PUTNAM COUNTY :

W. Durley, Hennepin.....	4
Joshua L. Mills, Mt. Palatine.....	4
Geo. Hayslip, Granville.....	4

## RANDOLPH COUNTY :

D. R. McMaster, Sparta.....	3
J. G. Eliff, Red Bud.....	2
J. H. Mace, Percy.....	3
Hugh Easdale, Tilden.....	3
S. W. McKelvey, Sparta.....	4

## RICHLAND COUNTY :

R. C. Morris, Olney.....	4
S. M. Thompson, Parkersburg.....	4
John Camp, Claremont.....	4
W. E. Alcorn, Noble.....	4

## ROCK ISLAND COUNTY :

Jesse S. Dailey, Cordova.....	3
John Buffum, Andalusia.....	4
Fred. Osborn, Osborn.....	3
J. A. Jordan, Orion.....	3
James Taylor, Taylor Ridge.....	2

## SALINE COUNTY :

W. M. Joyner, Stone Fort.....	2
M. W. Willis, El Dorado.....	3
Jonathan Abney, Gallatia.....	4

## SANGAMON COUNTY :

M. D. McCoy, Rochester.....	2
Watson Pickerell, Mechanicsburg.....	4
Geo. M. Caldwell, Williamsville.....	3
H. J. Conover, Bates.....	4
George P. Weber, Pawnee.....	4

## SCHUYLER COUNTY :

T. J. Window, Littleton.....	4
R. C. Noyes, Camden.....	2
John M. Darnell, Pleasant View.....	2
Lewis D. Erwin, Rushville.....	4
Simon Doyle, Rushville.....	4

## SCOTT COUNTY :

Henry L. Gordon, Winchester.....	3
J. M. Leighton, Manchester.....	3
Henry Miner, Winchester.....	3
Geo. W. Martin, Winchester.....	3

## SHELBY COUNTY :

John Turner, Todd's Point.....	4
Charles W. March, Moweaqua.....	4
E. A. McCracken, Lakewood.....	3
L. H. Turner, Strasburg.....	4

## STARK COUNTY :

John Lackie, Osceola.....	4
H. H. Oliver, Toulon.....	4
William Nowlan, LaFayette.....	4
J. M. Thomas, Wyoming.....	3
J. H. Anthony, West Jersey.....	3

## ST. CLAIR COUNTY :

D. F. Miller, Belleville.....	4
M. T. Stookey, West Belleville.....	3
James H. Scott, Shiloh.....	1
John W. Wells, Marissa.....	3
Jacob Gundlach, Belleville.....	4

## STEPHENSON COUNTY :

H. J. Porter, Freeport.....	2
Giles Turneare, Freeport.....	4
F. B. Walker, Dakota.....	4
C. H. Rosenstiel, Freeport.....	3
Hiram Snyder, Lena.....	4

## TAZEWELL COUNTY :

M. W. Messinger, Morton.....	2
J. B. Allen, Delavan.....	4
George W. Minier, Minier.....	2
D. Sapp, Pekin.....	3

## UNION COUNTY :

H. C. Bouton, Anna.....	2
W. J. Willard, Jonesboro.....	4
F. E. Peebles, Cobden.....	1
Thomas A. E. Holcomb, Cobden.....	4

## VERMILION COUNTY :

Fred. Tilton, Rossville.....	1
Robert Barnett, Indianola.....	3
J. H. Oakwood, Catlin.....	4
S. H. Oakwood, Pilot.....	3
J. C. Pierce, Ridge Farm.....	2
J. G. English, Danville.....	2
Thomas Armstrong, Rossville.....	1

## WABASH COUNTY :

John F. Harrington, Allendale.....	4
John W. Habberton, Mount Carmel.....	4
Joseph Litherland, Allendale.....	3
M. L. Tilton, Mount Carmel.....	3
Thomas Rigy, Mount Carmel.....	3

## WARREN COUNTY :

Henry Tubbs, Kirkwood.....	4
D. C. Graham, Cameron.....	4
J. D. Porter, Alexis.....	3
John A. Gordon, Roseville.....	3

## WASHINGTON COUNTY :

Henry Hoffman, Nashville.....	1
William C. Spencer, Dubois.....	4
John W. Yost, Beaucoup.....	2
H. H. Meyer, Stone Church.....	4

## WAYNE COUNTY :

Henry Cramer, Mount Erie.....	1
John Wilson, Fairfield.....	3
L. M. Cisne, Cisne.....	4
A. M. Cable, Fairfield.....	4
G. M. Carr, Johnsonville.....	4

## WHITE COUNTY :

John A. Spencer, Norris City.....	4
Ezekiel Hunsinger, Burnt Prairie.....	4
Nathan Caley, Enfield.....	4
John Land, Carmi.....	4
Boone Kershaw, Grayville.....	3

## WHITESIDE COUNTY :

W. H. Colcord, Coleta.....	2
J. F. Happer, Albany.....	1
L. S. Pennington, Sterling.....	4
P. B. Reynolds, Prophetstown.....	1

## WILL COUNTY :

Jacob Smith, Lockport.....	4
J. N. Fryer, Channahon.....	2
C. A. Westgate, Peotone.....	3
J. B. Fisher, Du Page.....	3

## WILLIAMSON COUNTY :

L. M. Mitchell, Corinth.....	4
D. R. Harrison, Herrin's Prairie.....	4
Geo. W. Davis, Crab Orchard.....	4
James M. Washburn, Carterville.....	2

## WINNEBAGO COUNTY :

J. M. Herring, Durand.....	2
J. H. Kirk, Rockford.....	4
H. J. Rolasen, Durand.....	3
Webster Osborn, Winnebago.....	3
Wm. Atkinson, Harrison.....	4
C. A. Starr, Durand.....	4

## WOODFORD COUNTY :

Joseph Wylie, Minonk.....	3
L. A. Gilpin, Cazenovia.....	4
A. H. Brubaker, Benson.....	2
A. A. Richardson, Secor.....	3

Correspondents are requested to report any errors in Names and Post-offices.

A very large proportion of the Correspondents made all the reports (4) called for in 1879, as will be seen by the figures opposite their respective names.



(Continued from page 8.)

cultural statistics has not been in operation a sufficient length of time to obtain the best results. The local pride and earnest desire evinced by the county clerks and the people generally, to have their resources correctly and extensively advertised to the outside world, will give proper attention to the collection of this important data, and enable the department to show hereafter returns of agricultural statistics very nearly approaching accuracy. The column to the right in the table gives the per centage of area of each crop for 1878 to the total number of acres in the State, which includes woodland, uncultivated land, and the acreage not reported. It will be seen that corn occupies over nineteen per cent. of the area of the State, in order of extent follows pastures, eleven per cent., winter wheat, five per cent., meadows, five per cent., oats, four per cent., etc.

## DIVERSITY OF FARM CROPS.

FARM CROPS, ETC.	No. acres 1877	No. bushels produced 1877	No. acres 1878	No. bushels produced 1878	Per cent. of area to total acre in State, 1878.
<b>CORN</b>	7,654,474	217,046,190	6,649,226	193,080,845	19.332
1. CORN.....	7,654,474	217,046,190	6,649,226	193,080,845	19.332
2. Winter Wheat.....	1,500,680	21,377,023	1,806,651	23,293,388	5.252
3. Spring Wheat.....	176,058	2,260,343	221,795	3,075,314	.645
4. OATS.....	1,474,210	49,748,473	1,536,904	53,424,555	4.468
5. Apple Orchard.....	272,942	5,395,351	244,547	4,940,811	0.702
6. Peach Orchard.....	12,862	402,587	13,299	607,292	0.038
7. Pear Orchard.....	628	16,818	834	13,510	0.002
<b>ORCHARD</b>					
8. Vineyards.....	2,612	No. galls. wine made 1877. 159,944	5,178	No. galls. wine made 1878. 142,964	0.015
<b>MEADOW</b>					
9. Timothy Meadow.....	1,741,069	No. tons pro- duced 1877. 2,241,816	1,520,889	No. tons pro- duced 1878. 2,056,838	4.421
10. Clover Meadow.....	105,832	145,155	122,958	176,635	0.354
11. Prairie Meadow.....	450,947	514,948	385,868	448,658	1.122
12. Hungarian and Millet.....	16,834	23,076	10,241	19,358	0.029
<b>OTHER FIELD PRODUCTS</b>					
13. Rye.....	231,972	No. bushels produced 1877. 3,825,091	233,191	No. bushels produced 1878. 2,915,940	0.678
14. Barley.....	44,982	842,942	26,164	703,294	0.076
15. Buckwheat.....	15,880	207,696	16,060	155,340	0.047
16. Castor Beans.....	4,503	17,738	361	2,526	0.001
17. Beans.....	1,545	19,944	1,669	18,627	0.004
18. Peas.....	521	13,283	537	21,410	0.001
19. Irish Potatoes.....	95,717	6,795,349	81,460	5,095,477	0.237
20. Sweet Potatoes.....	2,355	148,270	1,729	116,944	0.005
21. Tobacco.....	12,320	No. pounds produced 1877. 7,885,586	3,883	No. pounds produced 1878. 2,268,492	0.011
22. Broom Corn.....	14,566	6,674,747	18,248	11,218,168	0.053
23. Hemp (Fibre).....	1,154	346,744	448	69,355	0.001
24. Cotton (Lint).....	205	39,186	2,484	3,055	0.007
25. Flax (Fibre).....	89,304	6,178,693	96,179	5,509,513	0.279
26. Sorgho.....	19,335	No. galls. syrup made 1877. 1,227,164	14,638	No. galls. syrup made 1878. 1,174,549	0.042
27. Turnip and other Root crops	7,057	Value of crops produced 1877. \$279,136	3,775	Value of crops produced 1878. \$154,149	0.011
28. Other Fruits and Berries....	4,523	178,800	3,559	197,581	0.013
29. Other crops not named ab...	62,069	299,543	20,813	157,862	0.065
30. Pasture.....	3,612,614	3,800,211	3,771,015	11,049	11.049
31. Woodland.....	3,625,756	2,300,200	2,300,200	10,963	10.963
32. Uncultivated land.....	1,745,643	254,111	11,333,677	6.687	6.687
33. Area City & Town Real Es tate (not included above)	287,736	32.612		0.738	0.738
Acreage not reported.....	11,223,539				32.612
Total.....	34,511,444		34,115,444		100.

## LIVE STOCK, ETC.

LIVE STOCK, ETC.	Quantity	Quantity
	or value	or value
	1877	1878
<b>SHEEP.</b>		
34. Number Sheep killed by dogs .....	39,649	26,047
Total value Sheep killed by dogs .....	\$90,796	\$69,936
35. Number pounds wool shorn .....	3,291,677	2,891,007
36. Number Fat Sheep sold 1878 .....	241,422	144,762
Total gross weight Fat Sheep sold, lbs.....	23,176,512	12,581,597
<b>DAIRY.</b>		
37. Cows, number kept .....	556,466	508,753
38. Pounds Butter sold .....	18,970,227	17,997,652
39. Pounds Cheese sold .....	4,562,671	5,139,914
40. Gallons Cream sold .....	2,744,259	62,707
41. Gallons Milk sold .....	17,124,506	30,567,415
<b>CATTLE.</b>		
42. Number Fat Cattle sold .....	423,984	357,816
Total gross weight Fat Cattle sold, lbs.....	448,151,088	365,458,112
<b>HOGS.</b>		
43. Number Fat Hogs sold .....	2,455,573	2,271,493
Total gross weight Fat Hogs sold, lbs.....	618,804,396	550,955,097
41. Number Hogs and Pigs died of Cholera .....	1,445,268	1,391,422
Total gross weight of Swine died of Cholera, lbs.....	106,949,832	139,853,505
<b>CROPS, ETC.</b>		
45. Number bushels Timothy Seed produced .....	483,571	261,559
46. Number bushels of Clover Seed produced .....	64,686	77,388
47. Number bushels Hungarian and Millet Seed produced .....	16,463	26,787
48. Number bushels Cotton Seed produced .....	2,286	4,959
49. Number bushels Flax Seed produced .....	698,839	971,015
50. Number pounds Grapes produced .....	3,092,748	1,922,636

## FLAX SEED.

The acreage devoted to the culture of Flax in 1879 exceeds that of the previous season. The crop is mainly grown for the seed, and has proved quite remunerative on suitable soils. The 1879 area of 110,016 acres was distributed over thirty-nine counties in the State, and produced an average of nine bushels per acre, which is a better return than for the two preceding years. The average price per bushel of \$1.30 returns the producer \$11.70 per acre, or \$1,296,753 for the entire crop of the State. The table (pages 28-29) gives the acreage, yield and value of the crop by counties.

## AGRICULTURAL STATISTICS.

The great value of the Crop Statistics of this Department mainly consists in their early and prompt appearance during the growing season, and immediately after harvest, when the information as to condition and yield is most needed to enable the producer and legitimate dealer to decide as to the supply and value of the crop.

The last official acreage of the several crops, as reported by assessors, is used as a basis for applying the estimate of crop correspondents as to the area and yield of the growing crops, and it is not to be expected that the estimates of correspondents will more than closely approximate the assessed returns reported the year following.

The estimates of correspondents, with few exceptions, have been below the returns of assessors made the succeeding year, and during the last three years the reports, when compared with the assessment, have confirmed the superior judgment and careful observations made by correspondents, who are farmers of experience and standing, and largely interested in the accuracy of the returns, and, as a rule, are inclined to the side of conservatism.

The value of complete statistics is not fully appreciated except by a very limited number, and this meagre number is mainly composed of capitalists, who largely influence the public sentiment for or against an enterprise or locality.

No better investment can be made by a State or county than of funds judiciously expended in collecting and publishing all the statistics relating to the character of the soils, crops produced, mineral resources, school privileges, transportation facilities, sanitary influences, bonded or other indebtedness, rates of taxation, etc. While some of this data might not be as favorable, or all that could be desired, it would give the capitalist, manufacturer and farmer, seeking location or investment, definite information not furnished by other more favored localities, and result greatly to the advantage of the more enterprising community.

## INCOMPLETE RETURNS.

The frequent calls upon this office for statistics concerning the resources and productions of each county in the State from capitalists, manufacturers, farmers, and others seeking investment or education, makes it a matter of the first importance to the enterprising citizen of all the counties, that the most complete returns of the agricultural statistics be collected annually and placed on file in this office for reference and publication. It will be seen from the following table that the officers of some counties have entirely disregarded the provisions of the law providing for the collection of agricultural statistics, and thereby some of the best counties in the State have been placed at a great disadvantage in not having their superior inducements extensively advertised in the rough columns of the press and the reports of this department. The total acreage reported in the table is that returned by County Clerks to the State Auditor in 1878, and while much below the actual area in some of the counties is the best official data attainable.

COUNTIES.	Acreage returned to Auditor 1878 except as noted.	Acreage reported in returns of Agricult'l Statistics, for 1878.	Acreage not accounted for.
Adams .....	528,005	392,431	135,574
Alexander .....	109,381	.....	109,381
Anderson .....	*252,311	.....	252,311
Boone .....	177,433	169,830	7,503
Brown .....	*189,933	189,933	.....
Bureau .....	547,323	.....	547,323
Calhoun .....	166,213	103,970	62,243
Carroll .....	287,337	244,973	42,364
Cass .....	*239,168	.....	239,168
Champaign .....	621,652	631,882	.....
Christian .....	*447,328	359,846	87,464
Clark .....	*322,122	264,249	57,873
Clay .....	280,590	150,061	130,529
Clinch .....	*305,381	305,381	.....
Columbia .....	*321,819	321,639	180
Conley .....	514,092	357,638	156,454
Cook .....	275,601	176,972	98,629
Crawford .....	*220,829	214,749	6,080
Cumberland .....	399,363	399,334	29
DeKalb .....	*251,461	295,685	.....
DeWitt .....	263,066	262,770	296
Douglas .....	*206,077	208,910	.....
DuPage .....	398,600	313,979	84,621
Edgar .....	140,598	141,525	.....
Edwards .....	276,610	177,507	99,103
Effingham .....	*414,804	201,363	213,441
Fayette .....	305,113	303,331	1,782
Ford .....	246,637	.....	246,637
Franklin .....	549,973	.....	549,973
Fulton .....	200,565	201,936	.....
Gallatin .....	343,197	224,721	118,476
Greene .....	*268,708	182,211	86,497
Grundy .....	*273,962	268,507	5,455
Hamilton .....	493,644	298,203	195,441
Hancock .....	109,408	.....	109,408
Hardin .....	238,791	239,537	.....
Henderson .....	515,379	419,986	95,393
Henry .....	705,518	502,479	203,039
Iroquois .....	319,355	295,202	24,153
Jackson .....	309,406	199,251	110,155
Jasper .....	*333,927	324,687	9,240
Jefferson .....	233,233	.....	233,233
Jersey .....	.....	.....	.....



## INCOMPLETE RETURNS—Continued.

COUNTIES.	Acreage returned to Auditor 1878 except as noted.	Acreage reported in returns of Agricult'l Statistics, for 1878.	Acreag not accounted for.
Jo Daviess.....	*377,451	377,451	.....
Johnson.....	*209,413	197,564	11,849
Kane.....	*323,135	270,982	52,153
Kankakee.....	420,653	330,690	89,963
Kendall.....	202,360	194,490	7,870
Knox.....	*147,539	437,567	94,028
Lake.....	*284,273	203,602	80,671
LaSalle.....	*711,843	609,262	102,581
Lawrence.....	225,935	221,455	4,480
Lee.....	456,869	.....	456,869
Livingston.....	655,040	489,226	165,814
Logan.....	391,583	319,466	72,117
Macon.....	366,266	267,640	98,626
Macoupin.....	543,217	453,565	89,652
Madison.....	448,614	336,765	111,849
Marion.....	*333,079	236,274	96,805
Marshall.....	247,377	.....	247,377
Mason.....	351,328	.....	351,328
Massac.....	146,863	66,733	80,130
McDonough.....	363,993	.....	363,993
McHenry.....	384,265	.....	384,265
McLean.....	744,235	740,228	4,007
Menard.....	*199,741	172,607	27,134
Mercer.....	347,802	350,622	.....
Monroe.....	231,653	147,129	84,524
Montgomery.....	438,593	442,082	.....
Morgan.....	353,350	.....	353,350
Moultrie.....	216,211	145,709	70,502
Ogle.....	*479,166	.....	479,166
Peoria.....	386,927	386,927	.....
Perry.....	*242,492	241,948	544
Piatt.....	*275,577	236,032	39,545
Pike.....	*511,580	308,246	203,334
Pope.....	*232,609	232,609	.....
Pulaski.....	111,975	113,225	1,250
Putnam.....	*105,997	106,430	433
Randolph.....	357,687	224,192	133,495
Richland.....	227,274	190,812	36,462
Rock Island.....	*266,571	271,652	.....
Saline.....	240,628	60,924	179,704
Sangamon.....	544,607	401,084	143,523
Schuyler.....	276,303	219,984	56,319
Scott.....	156,794	109,241	47,553
Shelby.....	*176,888	273,218	203,334
Stark.....	*180,903	137,295	43,608
St. Clair.....	*416,281	236,952	179,329
Stephenson.....	*357,210	276,606	80,604
Tazewell.....	408,748	320,572	88,176
Union.....	*219,556	126,194	93,362
Vermilion.....	*563,230	418,681	144,549
Wabash.....	137,155	101,501	35,654
Warren.....	*336,474	316,334	20,140
Washington.....	*338,013	183,071	154,942
Wayne.....	449,610	258,934	190,676
White.....	313,382	310,974	2,408
Whiteside.....	*432,412	432,412	.....
Will.....	*524,602	442,076	82,526
Williamson.....	254,843	243,586	11,257
Winnebago.....	*322,102	278,256	43,846
Woodford.....	337,135	304,111	33,024
Total.....	34,511,444	24,110,876	10,473,568

\* Assessors' returns, 1879.

Respectfully submitted,

S. D. FISHER, Sec'y.

**Pressboard  
Pamphlet  
Binder**

**Gaylord Bros.Inc.**

**Makers**

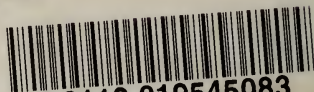
**Syracuse, N. Y.**

**PAT. JAN 21, 1908**

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